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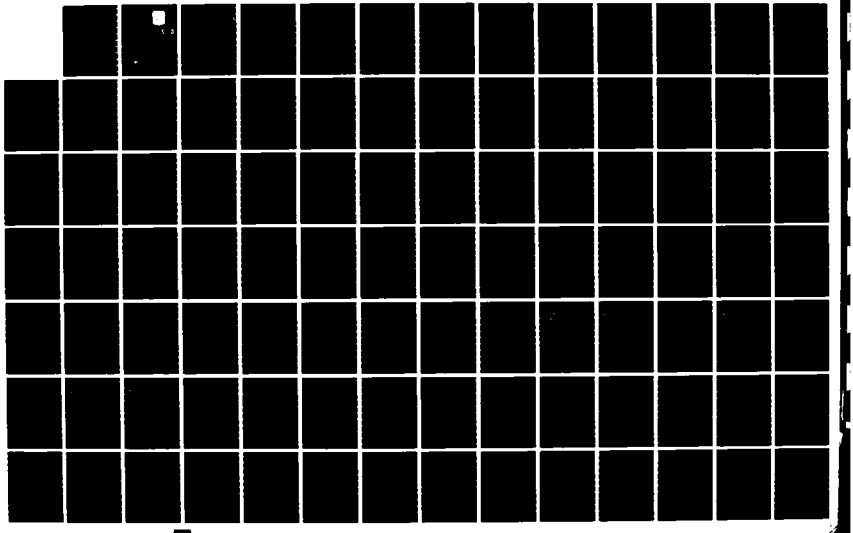

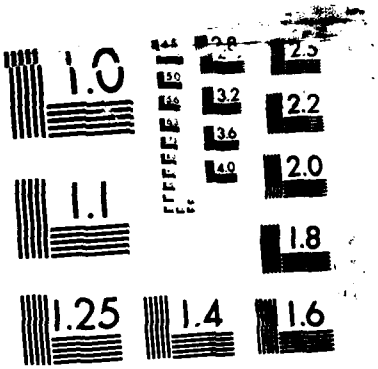

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STUDY PROJECT

LOGISTICAL SUPPORT FOR THE
MOBILIZED ARMY TRAINING DIVISION'S OPERATIONS:
TRIM TOSS, A SIMULATION PARADIGM (U)

BY

COLONEL M. COURTLAND CLAYTON, TC, USAR

7 MAY 1986

US ARMY WAR COLLEGE, CARLISLE BARRACKS, PA 17013

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During peacetime, the Army cannot afford to maintain Army Training Centers (ATCs) at levels which would be necessary upon mobilization; therefore, Major US Army Reserve Commands (MUSARCs) called Army Training Divisions (ATDs) are training to be ready upon mobilization to operate the Army's institutional training base to teach combat survivability and to provide military skill training while transitioning the students from civilian to soldier status, a process called "soldierization." To be ready for their (continued)

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training mission, the ATDs need advanced planning, skillful execution, and good preparation training. A significant portion of the planning and, consequently, preparatory training, is based upon the military occupational specialities projected to be needed upon mobilization, the expected student load, the prescribed courses of instruction and the associated necessary logistical support requirements, and the level of supporting logistical resources expected to be available to the ATD. Because of the numerous unique potential threat scenarios and the myriad combinations thereof, the courses of instruction and the quantity of students could vary, as could the level of supporting logistical resources available. The ATD commander needs an iterative simulation model to determine the results of each potential scenario's impact upon the ATD. Through theoretical and empirical research, the specification for such a simulation paradigm, TRaining DIvision Mobilization Training Operations Simulation System (TRIM TOSS), has been developed, and is herein presented as a performance specification (as opposed to design specification) which is delineated (via an eight-page flow chart, fifty-six user interface masks, and four batch and twenty-four on-line reports) in appendices to this individual study project which was accomplished at the US Army War College.

USAWC MILITARY STUDIES PROGRAM PAPER

LOGISTICAL SUPPORT FOR THE MOBILIZED ARMY TRAINING DIVISION'S OPERATIONS: TRIM TOSS, A SIMULATION PARADIGM (U)

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ABSTRACT

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During peacetime, the Army cannot afford to maintain Army Training Centers at levels which would be necessary upon mobilization; therefore, Major United States Army Reserve Commands called Army Training Divisions are training to be ready upon mobilization to operate the Army's institutional training base to teach combat survivability and to provide military skill training while transitioning the students from civilian to soldier status, a process called "soldierization." To be ready for their training mission, the Army Training Divisions need advanced planning, skillful execution, and good preparation training. A significant portion of the planning and, consequently, preparatory training, is based upon the military occupational specialities projected to be needed upon mobilization, the expected student load, the prescribed courses of instruction and the associated necessary logistical support requirements, and the level of supporting logistical resources expected to be available to the Army Training Division. Because of the numerous unique potenti l threat scenarios and the myriad combinations thereof, the courses c instruction and the quantity of students could vary, as could the level of supporting logistical resources available. The Army Training Division commander needs an iterative simulation model to determine the results of each potential scenario's impact upon the Army Training Division. Through theoretical and empirical research, the specification for such a simulation paradigm, TRaining DIvision Mobilization Training Operations Simulation System (TRIM TOSS), has been developed, and is herein presented as a performance specification (as opposed to design specification) which is delineated (via an eight-page flow chart, fifty-six user interface masks, and four batch and twenty-four on-line reports) in appendices to this individual study project which was accomplished at The United States Army War College.

PREFACE

This individual study project was conceived and developed at The United States Army War College. The scope and general methodology are intended and expected to be fully compatible with the proposed multi-user Training Base Expansion Computer Simulation Model being planned by the United States Army Training and Doctrine Command. This research paper is designed to develop the basic concepts and logic which would be pertinent to a larger, fully-integrated, multifunctional networked system such as the Training Base Expansion Computer Simulation Model.

The supporting logistics paradigm created herein, TRaining DIvision Mobilization Training Operations Simulation System (TRIM TOSS), has been developed theoretically and empirically and validated empirically using key, cognizant individuals of significant expertise at Headquarters, Department of the Army, United States Army Training and Doctrine Command, US Army Armor Center and Fort Knox, and the 100th Division (Training) (Armor) (One Station Unit Training). It is more than the simple documentation of a research effort. It is a performance specification (as opposed to a design specification) for a user-oriented, user-friendly simulation model which can be operationalized (through systems analysis and programming) to realize its potential as an extremely powerful mobilization planning and management tool.

The author has served in a United States Army Reserve Training Division, has had mobilization planning experience as a battalion commander, and has selected mobilization as his primary area of interest in both the Military Studies Program and in the Advanced Course Phase at The United States Army War College.

Grateful appreciation is expressed by the author for the professional advice and careful, considered, conscientious counsel received from his Project Advisor at The United States Army War College (William L. Carew, Colonel, Judge Advocate General Corps, United States Army Reserve), and from his Faculty Advisor at The United States Army War College (Robert J. Lilley, Colonel, Military Intelligence, United States Army).

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CHAPTER I

INTRODUCTION

The Army Mission[17]

> "It is the intent of Congress to provide an Army that is capable, in conjunction with the other Armed Forces, of preserving the peace and security...of the United States...supporting the national policies...implementing the national objectives...and overcoming any nations responsible for aggressive acts that imperil the peace and security of the United States. (The Army) shall be organized, trained, and equipped primarily for prompt and sustained combat incident to operations on land... (and) is responsible for the preparation of land forces necessary for the effective prosecution of war except as otherwise assigned, and, in accordance with integrated... mobilization plans, for the expansion of the peacetime components of the Army to meet the needs of the war."
>
> *Title 10, United States Code*, Section 3062

During peacetime, the Army employs such Army Training Centers (ATCs) as are required to train the civilians who are recruited to volunteer to enter the Army. Fewer ATCs are needed during peacetime than are expected to be necessary upon mobilization; however, sometime in the future, the US Army may be required to go to war to protect the freedom of the United States of America. Therefore, the United States Army must be prepared for such an eventuality.

To achieve preparedness, the Army must be well-trained because training is the key to combat readiness for mobilization.

"Mobilization is bringing the total Army force to a state of readiness for war or for other national emergencies.... Mobilization requires advanced planning, skillful execution, and good training."[121]

Taking cognizance of and planning for mobilization must inherently be vital, integral, and preeminent components of all peacetime (premobilization) training.[58]

Planning for mobilization is predicated upon the concept that the Army Active Component (AC) maintains forward-deployed units to fulfill international defense commitments and respond to immediate and emergency threat contingencies until the Army Reserve Component (RC), the "Minutemen,"[38] can be mobilized and deployed (in spite of any individual personal problems).[14,125,134]

Peacetime (premobilization) planning includes training[110,117] of both the AC and the RC to improve *their capability and proficiency* in both individual soldier and unit tasks to achieve and maintain a strong combat readiness posture. Both the AC and the RC must necessarily be continually assessing and reassessing their readiness postures versus the threat to national security and they must be constantly managing their scarce resources to meet anticipated mobilization requirements.[66]

The primary challenges in mobilization training are individual training at the Army's institutional training base,[90] individual and collective training in existing AC and RC units,[119] training for newly organized or reorganized AC and RC units, and flexible and responsive training support.

CHAPTER II

HYPOTHESIS

If a national mobilization were required, the current ATCs undoubtedly could not accommodate the quantity of recruits and/or inductees who would require training. This is true because upon mobilization trained soldiers would be needed as fillers for Component 1, 2, and 3 units, and total manning would be required for Component 4 units, and, if necessary, total manning would also be necessary for Component 6 units.[121] (See Appendix D for an explanation of the Components of the Army.) This would necessitate the provision of initial entry training (IET) for many thousands of non-prior service personnel (recruits/inductees) plus refresher training for prior service individuals.

Since the Army cannot afford to maintain an AC force structure to meet all contingencies, a necessary increase in the size and quantity of ATCs to support the increased trained manpower requirement would be accommodated by employing a significant mobilization asset,[11] i.e., by mobilizing the RC Army Training Divisions and Brigades (ATDs) to increase the capacity of the Army's institutional training base.[104] (See Appendix A for a listing of the ATDs, all of which are in the RC.)

"Upon mobilization, the Army Reserve's...training divisions and...brigades...and reception stations...would assume an awesome responsibility. They would have to process and train 400,000 new soldiers for a rapidly expanding Army within the first six months.

And, they would have to start doing it within 15 days. In short, the Army Reserve would largely take over the Total Army's training job."[18]

If mobilized, some of the ATDs would "augment" (or expand) existing ATCs while others would establish new ATCs on installations where none currently exist. If the ATDs are to achieve and maintain high states of readiness for their mobilization missions of training non-prior service personnel (the mobilization processing of untrained manpower)[47] and updating prior service individuals,[100] the ATDs need the "advanced planning, skillful execution, and good training" quoted in Chapter I.[121]

A significant portion of the planning, and, consequently, preparatory training, is based upon the military occupational specialities (MOSs) projected to be needed by the Army upon mobilization,[115] the expected student load, the necessary courses of instruction which are prescribed for the soldier skills[99] and the associated necessary logistical support requirements, and the level of supporting logistical resources expected to be available to the ATD.

Significantly different levels and types of supporting logistical resources are required for the training of different MOSs, e.g., lands,[127] ranges,[84,128] and ammunition.[129] In addition, the level of required supporting logistical resources necessarily varies with the MOS and quantity of students to be trained per unit of time.

There are numerous unique potential threat scenarios, and myriad combinations thereof. Based upon the Department of Defense mobilization policies, programs,[133] and plans[106] and the Army

Mobilization and Operations Planning System,[114] the Mobilization Army Program for Individual Training (MOB ARPRINT),[104] schedule of trainee input quantities, may vary accordingly. (Schedule E displays a sample MOB ARPRINT.)

Therefore, both the MOSs to be taught and the quantity of students to be trained would be expected to vary - as would the level of supporting logistical resources needed and those available at a given Army post - by threat scenario and depending upon each installation's mission and type and level of activity at any given time.

At the logistical resource requirements level, there may be untried, unexercised, and unproven unknowns, uncertainties, and assumptions upon which current mobilization plans are based. Mobilization exercises have proved to be valuable in surfacing and dealing with these.[21]

To achieve and maintain an appropriate mobilization readiness posture, the results of each scenario's impact upon each ATD and its supporting logistical resource requirements should be identified so that each contingency can be studied and considered as the basis for planning for the ATD's operations upon mobilization.[75]

Planning for the mobilization of the RC is extremely critical to the national security.[82,123] Everything which can be done "now" should be done "now"[5] to enhance the success of each ATD's operations "then"[68] because purposeful proper prior planning[51] precludes poor performances; however, the typical RC unit is faced with a significant dilemma: mobilization mission planning, preparation, and training versus available time.[74] Consequently,

the ATD commander needs an iterative tool with which to play "What If?" games[3] to determine the impact of different scenarios upon the readiness posture of the ATD.

Such a tool might be a simulation paradigm (an "expert system")[7] which could be employed iteratively following the standard "production rules" (also referred to as "situation-action" or "if-then" rules) of the typical "expert system"[2] to analyze the many scenarios which conceivably might happen "then"[78] to reflect the ATD's mobilization readiness posture "now." This tool[55] would display the varying degrees of shortages and surpluses of the required supporting logistical resources, and could be utilized as a basis for planning for mobilization and for providing data for decisions concerning alternatives for achieving balances of supporting logistical resources with mobilization missions. As is common in "expert systems," the desired tool should exhibit the qualities of "extensibility, simplicity, and explicitness."[8]

CHAPTER III

THEORY

A system is "an assemblage or combination of things or parts forming a complex or unitary whole;...any assemblage or set of correlated members;...an ordered and comprehensive assemblage of facts, principles, or doctrines in a particular field of knowledge or thought;...a coordinated body of methods, or a complex scheme or plan of procedure;...any formulated, regular, or special method or plan of procedure."[63]

"A system is a set of interrelated elements."[32] Since these elements are related, change in one element may lead to change in other elements. "An open system is one that interacts with its environment."[32] It depends on a continuous flow of "inputs"[20] to continue to function. Thus, "it is more than just a set of interrelated elements. Rather, these elements make up a mechanism that takes input from the environment, subjects it to some form of transformation process, and produces output."[32]

Some of the characteristics of "systems" (a set of components, which are also systems themselves, interacting with each other, enclosed by a boundary), are the "environment"[32] (the supersystem within which the system under consideration exists and with which it interacts), "input"[20] (the resources which the "system" under consideration requires from its environment), "output"[20] (the products which are discharged from the system under consideration to

its environment), "boundary"[20] (the filter which encloses and defines the system by transformation and/or selection of both the kind and rate of flow of inputs to and outputs from the system under consideration), "feedback"[42] (the information about the system's output which can be used to control the system under consideration), "state"[20] (the particular pattern of relationships existing among the components and the particular filtering condition of the boundary at any given moment), "internal interdependence"[83] (the extent to which changes in one component of the system under consideration affects the other components thereof), "equilibrium"[32] (the system's internal inherent energy to move toward a state of balance), "equifinality"[32] (the phenomenon that the final state can be reached from differing initial states and conditions and by a variety of paths), and "adaptation,"[32] (the system's ability to achieve a favorable balance of input and output transactions with the environment).

There are four categories of systems: "physical," "biological," "human," and "superhuman."[6] Physical systems include static structures (e.g., maps, anatomy charts, and bridges), clockworks (i.e., combinations of static structures such as clocks and the solar system), and analytical (e.g., thermostats). Biological systems include self-maintaining structures (e.g., cells and amoeba), combinations of specialized self-maintaining structures (e.g., plants), and mobile, trainable combinations of specialized self-maintaining structures (e.g., animals). Human systems include self-awareness (e.g., humans) and social systems (e.g., roles and

values). Superhuman sytems include transcendental systems (i.e., ultimate unknowables).

Systems do not necessarily presuppose and/or require the employment of computers. Neither do "system models." A system model simply reflects, via whatever medium chosen, the operation of its component set. It does not have to "work." It has to portray relationships, causes, and effects.

The system modeled herein defines those sets of interrelated logistical support elements which are necessary now and which are expected to be vitally and critically crucial to the successful accomplishment of the ATD's mission upon the ATD's mobilization.

CHAPTER IV

ENVIRONMENT[56]

When mobilized, the ATD will move to its assigned Army post and concentrate its primary effort on the training of recruits and inductees. Subsequent to completion of all five Levels of Mobilization (See Appendix F), the ATD will have physically relocated to its mobilization station. To accomplish its mobilization mission, the ATD obviously must have access to or possess the appropriate quantities, kinds, and types of people trained in the requisite military skills to perform all of the necessary activities associated with its primary mission of training civilians to become soldiers, a process called "soldierization."

Likewise, the appropriate associated quantities of the necessary materiel, equipment, facilities, and services will be needed. It is not possible to develop a static mobilization plan for the ATDs because the appropriate numbers and types of people, materiel, equipment, facilities, and services depend upon the trained soldier output schedule prescribed by the US Army Training and Doctrine Command (TRADOC).[104] While schedules (MOB ARPRINTs) have been published which reflect the Army's anticipated needs based on current Department of Defense guidance,[95] the actual trained soldier requirements will ultimately be identified based on the level of mobilization, the area and intensity of hostilities, and the subsequent quantity and type of trained skills required.

Mobilization training will consist of two phases: Basic Training (BT) and Advanced Individual Training (AIT).

The BT for all soldiers will be common.[97] BT is expected to be conducted at the Army Training Centers shown at Appendix B. The purpose of BT is to provide combat survivability training and to begin the process of soldierization for non-prior service personnel.[103] Although peacetime BT is eight weeks long, mobilization BT will be seven weeks in length and will include the classes displayed at Appendix C.

The purpose of AIT is to provide definitive MOS training and complete the process of soldierization for non-prior service personnel. AIT will vary in course content and length for each MOS taught.[85,86,87,88,89]

There are some MOSs which are planned to be taught upon mobilization via the "One Station Unit Training" (OSUT) concept wherein BT and AIT are "merged" to form one single "OSUT-cycle." An example of this is the family of infantry MOSs taught at Fort Benning, Georgia (11B10 - Light Weapons Infantryman, 11C10 - Indirect Fire Crewman, and 11H10 - Heavy Antiarmor Weapons Crewman) which vary in training period length depending upon training configuration.[93]

CHAPTER V

PURPOSE

The purpose of this study is to research, develop, and provide a performance specification (not a design specification) for a flexible simulation paradigm of a "type" ATD which will model and reflect the far-reaching ramifications and consequences of the possible combinations of the multiplicity of factors which would be expected to impact the ATD's mobilized operations. Such a paradigm would be employed by the ATD commander to facilitate the ATD commander's mobilization visualization and the associated decisions concerning the premobilization planning and acquisition of supporting logistical resources which should be accomplished.

When operationalized (through systems analysis and programming), such a simulation model (or "expert system," based on the rules obtained from experts[22]) would be expected to resolve supporting logistical resource deficiencies in the mobilization plan through the successive application of relatively standard procedures.[4] It would be intended to be usable by all of the ATDs at home station and at mobilization station, their mobilization station commanders, the Continental United States Armies (CONUSAs), the Major Commands (MACOMs), and the DA staff as a tool to identify and analyze significant problems which might be encountered by a mobilized ATD as it executes the operation of its recruit and/or inductee training mission at its mobilization station.

Furthermore, it is anticipated that its logic basis should be readily expandable and/or adaptable to provide a "What If?" paradigm, or a series of such paradigms, for similar employment by other AC functions such as the existing ATCs, Army schools, Directorates of Logistics (DOL), Directorates of Personnel and Community Activities (DPCA), Directorates of Plans and Training (DPT), Directorates of Resource Management (DRM), Directorates of Health Services (DHS), mobilized deploying units, post tenant activities, etc.,[126] to provide a fully-integrated training base expansion system.[130]

Additional potential RC applications might include Major US Army Reserve Commands (MUSARCs), both Army Reserve Commands (ARCOMs) and General Officer Commands (GOCOMs).

CHAPTER VI

SYSTEM[135]

The boundary of the ATD System[12] studied circumscribes all activities by the ATD following Mobilization Phase V (Operational Readiness Improvement)[121] which are necessary to provide for the recruits and/or inductees from the time of their arrival at the ATC until their ultimate departure from the ATC via reassignment orders. (The Mobilization Phases are displayed at Appendix G.)

Inputs to the studied system for Army institutional training include the recruits and/or inductees, the prescribed MOB ARPRINT; Mobilization Programs Of Instruction (MOB POI);[94] training policies to support the requirements of the Theater Army Replacement System (TARS);[116] Individual Training Evaluation Programs (ITEPs);[113] Individual and Collective Training Plans (ICTPs); collective training plans; the Army Training and Evaluation Programs (ARTEPs),[120] drills, simulations, weapon systems training, support systems training, and transition training; Training Extension Course (TEC) lessons;[118] field manuals (FMs);[118] field circulars; training circulars (TCs);[118] technical manuals (TMs);[118] soldier training publications (STPs);[118] graphic training aids (GTAs);[118] motion pictures and videotapes;[109] equipment, including uniforms; weapons; ranges; ammunition; vehicles; and facilities, including those required for teaching, billeting, and messing.

Outputs from the studied system include soldiers institutionally trained in prescribed MOSs, individuals reassigned to other training institutions, and individuals discharged for medical, psychological, or other reasons.

Feedback includes the performance of the trainees in the many areas of training at the various test gates during their institutional training and reports of their actual performances in the field.

The associated simulation model (when operationalized via systems analysis and programming), with multiple and variable parameters, would be expected to be employed both to simulate the "type" ATD's training operations upon mobilization under varying conditions and constraints to facilitate premobilization policies, plans, procedures, and preparation, as well as a tool to enhance the premobilization readiness postures of all ATDs, particularly in the area of supporting logistical resource support.

CHAPTER VII

METHODOLOGY

This subject was interesting because of extensive pertinent background in both military and civilian education, because of prior USAR School service for three years as Director of Enlisted Instruction, and because of assignment to an ATD for twelve years in such positions as Commander, Supply and Transportation Battalion; Division Comptroller; and Chief Comptroller, Transportation Corps Exercise Team, Commander, Headquarters and Headquarters Company, and Executive Officer of the Division's Maneuver Training Command.

Following the "Systems Approach" ("looking at each component part in terms of the role it plays in the larger system"[12]), library reseach was conducted on the subject of mobilization, with emphasis on ATDs. Then currently cognizant experts were interviewed at Headquarters, Department of the Army, TRADOC, the US Army Armor Center and Fort Knox (a "type" ATC), and the 100th Division (Training)(Armor) (OSUT) (a "type" ATD) to gain a detailed understanding of the logistical resources required to support the operations of a mobilized ATD. Of particular value to the project were the initial expert contributions of key, cognizant personnel at TRADOC Deputy Chief of Staff for Training (DCST),[16,19,31,36,50,65,76] Deputy chief of Staff for Information Management (DCSIM),[35,132] Deputy Chief of Staff for Engineering (DCSENGR),[23] and Deputy Chief of Staff for Personnel,

Administration, and Logistics (DCSPAL),[62] the US Army Armor Center and Fort Knox Directorate of Plans and Training (DPT) Plans, Operations, and Mobilization Branch (POM),[64,67,80] and the 100th Division (Training) (Armor) (OSUT) Headquarters[29,34,40] and Assistant Chief of Staff, G-3 Mobilization Team.[9,24]

Relying heavily upon the detailed input of those key expert personnel identified above, a flow chart was developed to define the logic of the ATD system. (The eight-page flow chart is displayed at Appendix H.)

Next, the user interfaces were specified as masks and reports. (These fifty-six masks and four batch and twenty-four on-line reports are displayed at Appendix I.)

Invaluable technical guidance was received from a US Army War College operations research analyst.[79]

To perform intuitive validation of the flow chart, masks, and reports, key, cognizant personnel were consulted at Headquarters, Department of the Army Deputy Chief of Staff for Logistics (DA DCSLOG);[52] TRADOC DCST,[16,36,54,65 76] DCSIM,[26,44] DCSENGR,[73] and DCSPAL:[62] Fort Knox DPT POM,[25,28,61,67] and the 100th Division (Training)(Armor)(OSUT) Headquarters[30,41] and Assistant Chief of Staff, G-3 Mobilization Team.[10] These experts reviewed the flow chart, masks, and reports; were briefed concerning their employment; and were requested to critique the system performance specification. They did so, and their contributions are included in the system performance specification which is outlined herein. This validation process proved very valuable as clarifications were identified and

resulting improvements were made accordingly. The consequential performance specification is displayed at Appendixes H and I.

The proposed system, TRIM TOSS (TRaining DIvision Mobilization Training Operations Simulation System) has been specified from the user's performance requirement standpoint; not as a design specification. Therefore, as is normal, standard, and usual with a performance specification: to be employed, it must be operationalized, i.e., translated by a qualified systems analyst into a design specification (complete with any and all appropriate algorithm(s) which is (are) necessary to provide the target user's required utility as outlined in the performance specification) which will be the technical basis for programming. TRIM TOSS was researched, conceived, developed, and protrayed in the form of a user's performance specification. It was then validated and is now ready for operationalization.

CHAPTER VIII

ANALYSIS

TRIM TOSS is a stand-alone, self-contained system which is expected to achieve the purpose for which it was intended. As outlined at Appendices H and I via a performance specification, TRIM TOSS is believed (based upon expert evaluations and validation) to be conceptually solid and is expected to significantly facilitate not only the home station mobilization planning of the ATD, but also the mobilized planning of the ATD.

Likewise, because of its inherent flexibility, it is believed to be tailorable and/or expandable to suit the user. It would, therefore, be expected to be applicable for employment by the existing ATC, Army school, Army post DOL, DPCA, DPT, DRM, DHS, mobilized deploying units, tenant activities, etc., and, when operationalized, could ultimately be grown to provide a complete training base expansion simulation system.

Since it is designed to be a generic paradigm, it is expected to be employable virtually anywhere scarce resources are managed and would be expected to be particularly effective where the levels of the requirements for and availabilities of such resources characteristically vary, depending upon shifting scenarios, to accomplish changing missions.

In addition to those organizations mentioned above, TRIM TOSS also would be expected to be appropriate for use by MUSARCs, both ARCOMs and GOCOMs, as well as commands of the Army National Guard.

As it is herein developed, the performance specification for TRIM TOSS requires a "Snapshot" of the supporting logistical resource shortages and surpluses associated with the selected quantity of trainees and supporting logistical resource requirements and availabilities. As the values of Requirements and/or Availabilities and/or Student Loads change, the single date base changes; therefore, the records of previous data values reside only on batch output reports.

As the Availabilities are entered by the ATD, incisive questions concerning currently unidentified and unresolved logistical resource support parameters and/or their magnitudes are expected to be identified and resolved; thereby further enhancing ATD mobilization planning and preparation - on a situational basis at each ATD.

CHAPTER IX

ENHANCEMENTS

Provided for accommodation in the TRIM TOSS performance specification (as currently envisioned) are several capabilities to importantly increase the power for the user of this dynamic decision tool. Although inherent in the original concept, they are not included in the instant performance specification but are listed here as enhancements to the base system (the performance of which is specified in Appendices H and I).

The first performance specification enhancement would be the addition of the dimension of "Time" to provide a "Movie" output (as opposed to the current "Snapshot" output) through the entry of: (1) an entire MOB ARPRINT schedule of all trainee input quantities for a given MOS to be taught at the ATC, and (2) the MOB ARPRINT schedules of all trainee input quantities for all MOSs to be taught at the ATC.

The second performance specification enhancement would be the addition of the dimension of "Library" to provide the capability of automatic on-line storage of all parameters and their values for every simulation iteration (as opposed to only printout documentation). This feature would enable the automatic generation and on-line selection, recall, review, analysis, modification, and reutilization of all previous simulation iterations and their parametric values.

The third performance specification enhancement would be the addition of "Training Personnel" as a resource[27] to be simulated by

the system (i.e., the disposition of military manpower under emergency mobilization procedures),[48] thereby enlarging its supporting resource visibility to include personnel as well as logistics.

The fourth performance specification enhancement would be the extension of the currently specified system to include support of the operations of the reception station[15] which would receive and process the incoming trainees in preparation for their input to the ATD. To accomplish this would require the research and development of an additional system module.

CHAPTER X

CONCLUSIONS

Based on the evaluations of those currently intimately and expertly involved with the system modeled herein, the specified inputs and outputs are appropriate, necessary, and sufficient in substance and form necessary for the ATD mobilization planning and decision-making identified herein.

TRIM TOSS, as identified via performance specification, portrays and defines a user-oriented, user-friendly system which (when operationalized) is expected to facilitate ATD home station premobilization planning and to continue to be vital as a tool for planning the supporting resources which will be necessary for accomplishment of the ATD's mobilization mission.

It is designed to interface with and be quickly employed by a junior enlisted soldier (private/corporal/Specialist 4) with no more than minimal user documentation. The terminology/vocabulary employed in the user-interface media are at the basic soldier use level.

TRIM TOSS is intended to be operationalized for employment on a common, simple, IBM-compatible personal computer via floppy disk.

Keeping it "sweet and simple," yet powerful, is the intrinsic feature of TRIM TOSS which is expected to cause it to be readily and effectively employed (when operationalized) by an ever-increasing user population, including (through networking) existing ATCs, Army schools, Army post commanders and their directorates, tenant

activities, mobilized deploying units, ARCOMs, GOCOMs, CONUSAs, MACOMs, and USARNG commands.

While not absolutely necessary for the satisfactory premobilization utilization of the operationalized TRIM TOSS by the ADT at home station, the enhancements addressed in Chapter IX would be expected to be important to its efficient and effective employment as an actual scheduling tool in both pre- and post-mobilization environment.[56]

CHAPTER XI

RECOMMENDATIONS

In view of the expected user-orientation, simplicity, flexibility, and power of TRIM TOSS, it is recommended that:

1. Further research be accomplished to enhance the performance specification displayed at Appendices H and I to include:

   a. the "Movie" feature.

   b. the "Library" feature.

   c. the "Training Personnel" feature.

   d. the Receptation Station module.

2. TRIM TOSS be operationalized and provided on floppy disk(s) which can be used in a personal computer which is IBM-compatible.[46]

3. The TRIM TOSS floppy disk(s) be made available to all ADTs.

4. TRIM TOSS be tailored and/or expanded to meet the special needs of the other potential users, e.g., ATCs, Army schools, DOLs, DPCAs, DPTs, DRMs, DHSs, mobilized deploying units, tenant activities, post commanders, ARCOMs GOCOMs, CONUSAs, MACOMs, and USARNG commands.

5. All of the above be accomplished in a timely manner to gain the advantage of the employment of the operationalized TRIM TOSS as a decision management tool in the area of supporting logistical and personnel resource planning and allocation - as a pilot for and prior to other than general scoping plans for a complete training base expansion simulation system - to expeditiously field a very necessary

system, to use it, to learn from it, and to further enhance mobilization planning and preparation.

6. Using the TRIM TOSS approach and logic, develop the additional institution, unit, and directorate modules.

7. Integrate all of the above to achieve a complete Training Base Expansion Computer Simulation (TBECS) Model.

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APPENDICES

APPENDIX A

ARMY TRAINING DIVISIONS AND BRIGADES[1,102,104]

Command	Branch	Mobilization Station
70th Division (Training) 34451 Schoolcraft Road Livonia, MI 48150-1399	INFANTRY	Fort Benning, GA
76th Division (Training) 700 South Quaker Lane West Hartford, CT 06110-1292	INFANTRY	Fort Campbell, KY
78th Division (Training) Kilmer USAR Center Edison, NJ 08817-2487	INFANTRY	Fort Dix, NJ
80th Division (Training) 6700 Strathmore Road Richmond, VA 23237-1198	INFANTRY	Fort Bragg, NC
84th Division (Training) (-) 4828 West Silver Spring Drive Milwaukee, WI 53218-3498	ARMOR	Fort Hood, TX
85th Division (Training) 1515 West Central Road Arlington Heights, IL 60005-2475	ARMOR	Fort Bliss, TX
91st Division (Training) Building 602 Fort Baker Sausalito, CA 94965-5099	INFANTRY	Fort Ord, CA
95th Division (Training) Post Office Box 10095 Midwest City, OK 73110-1095	ARTILLERY	Fort Polk, OK
98th Division (Training) 2035 North Goodman Street Rochester, NY 14609-1098	ENGINEER	Fort Wood, MO

Command	Branch	Mobilization Station
100th Division (Training) 3590 Century Division Way Louisville, KY 40205-5000	ARMOR	Fort Knox, KY
104th Division (Training) Building 987 Vancouver Barracks Vancouver, WA 98661-3896	INFANTRY	Fort Lewis, WA
108th Division (Training) 1412 Westover Street Charlotte, NC 28205-5124	INFANTRY	Fort Jackson, MS
3d Training Brigade (FA) 84th Division (Training) 4828 West Silver Spring Drive Milwaukee, WI 53218-3498	ARTILLERY	Fort Sill, OK
5th Armor Brigade (AIT) 2000 North 33rd Street Lincoln, NE 68593	ARMOR	Fort Hood, TX
3457th Medical Training Center 1850 Old Spanish Trail Houston, TX 77054	MEDICAL	Fort Houston, TX
8830th USAR Brigade (MP, AIT) 20th and Chislom Fort Meade, MD 20755	MILITARY POLICE	Fort McClellan, AL

APPENDIX B

BASIC TRAINING ARMY TRAINING CENTERS[104]

Fort Bliss, Texas

Fort Dix, New Jersey

Fort Jackson, South Carolina

Fort Knox, Kentucky

Fort McClellan, Alabama

Fort Sill, Oklahoma

Fort Wood, Missouri

APPENDIX C

BASIC TRAINING COURSES[94]

COURSE: US Army Basic Training

LENGTH: Peacetime: 8 Weeks, 425.0 Hours
Mobilization: 7 Weeks, 391.5 Hours

SUBJECT	PROGRAM HOURS	MOBILIZATION HOURS	TRAINING CONDUCTED BY
A. Fundamental Training			
First Aid	13	13	Training Gp
Nuclear, Biological, & Chemical Defense	11	14	Training Gp
Individual Tactical Training	30	33	Training Gp
Marches & Bivouac	12	25	Training Co
Physical Readiness Training	45	38	Training Co
Guard Duty	3	3	Training Co
Role of the Army	1	1	Training Co
Responsibilities of the Soldier	2	2	Training Co
Identification, Preparation & Wear of Uniforms	2	2	Training Co
Inspections	19	19	Training Co
Drill & Ceremonies	16	16	Training Co
Military Courtesies & Customs	4	4	Training Co
Basic Military Communications	6	8	Training Gp
Military Justice	1	3	Training Co
Map Reading/Terrain Association	8	8	Training Gp
Code of Conduct	1	1	Training Co
Threat Orientation (OPFOR)	2	2	Training Gp
Law of Land Warfare/SAEDA Orientation	2	2	Training Co
Conditioning Obstacle Course	2	4	Training Co
Confidence Obstacle Course	3	4	Training Co
Survival, Escape, Resistance & Evasion	0	12	Training Co
Personal Affairs	2	3	Training Co
Alcohol & Drug Abuse Prevention & Control	1	0	Training Co
Rape Prevention	0.5	0	Training Co
Equal Opportunity	2	0	Training Co
Personal Health & Hygiene	0	7	Training Co
Fundamental Training Totals	(188.5)	(224)	

	SUBJECT	PROGRAM HOURS	MOBILIZATION HOURS	TRAINING CONDUCTED BY
B.	Weapons Training			
	M16A1 Rifle Marksmanship	62	70	Training Gp
	Hand Grenades	8	8	Training Gp
	US Weapons Training	10	13	Training Gp
	Weapons Training Totals	(80)	(91)	
C.	SOLDIER EXAMINATION			
	End-of-Cycle Test		8	Text & Exam
	Reinforcement Training	41	16	Text & Exam
	Soldier Examination Totals	(49)	(24)	
D.	Program Administration/Support Time			
	Training Center Commander's Time	4	6	Training Co
	Company Commander's Time	8	8	Training Co
	Uniform Fitting	6	0	Training Co
	Commander's Orientation	1	2	Training Co
	Climate Orientation	1	1	Training Co
	Immunization	2	2	Training Co
	Chaplain's Orientation	1	1	Training Co
	Equipment Turn-in	2	2	Training Co
	Guard Duty/Detail Unit	16	8	Training Co
	Payday Activities	8	0	Training Co
	Outprocessing	2	2	Training Co
	Graduation Activities	4	0	Training Co
	Administrative Support Totals	(55)	(32)	
E.	NATIONAL HOLIDAY	8	0	Training Co
F.	MAINTENANCE	28	0	Training Co
G.	MOVEMENT	16.5	16.5	Training Co

Program Recapitulation

A.	Fundamental Training	188.5	224
B.	Weapons Training	80	91
C.	Soldier Examination	49	24
D.	Administration/Support Time	55	32
E.	National Holiday	8	0
F.	Maintenance	28	4
G.	Movement	16.5	16.5
	Grand Totals	425	391.5

SUBJECT Total Weeks, Hours/Day	PROGRAM HOURS	MOBILIZATION HOURS
Fundamental Training	4.3	5.3
Weapons Training	1.9	2.3
Administration/Support Time	1.2	0.8
End-of-Cycle Test	0.2	0.2
Reinforcement Training	0.9	0.4
Maintenance	0.6	0.1
Movement	0.4	0.4
National Holiday	0.2	0.0
Average Hours/Week*	53.1	55.9

*Although the BT/OSUT POI does not require training on Saturday afternoons and Sundays, such time may be used for reinforcement training, diagnostic physical training (PT) test, inspections, make-up training, and activities which further the development of the soldier. In all cases, trainees will be allowed to attend religious services 6 days per week during mobilization.[97]

APPENDIX D

COMPONENTS OF THE ARMY[121]

Component 1. Active component units located in a theater of operations in the continental United States (CONUS) or outside the continental United States (OCONUS).

Component 2. Army National Guard (ARNG) units.

Component 3. United States Army Reserve (USAR) units.

Component 4. Unmanned and unequipped units for which a requirement is identified in the Total Army Analysis (TAA). Component 4 represents the portion of the approved current force structure requirement that is not affordable within the Army's peacetime budget.

Component 6. Units outside the Army's force structure that must be formed and trained upon total mobilization. The Department of the Army (DA) has established a force structure, by number and type of units, for total mobilization planning purposes.

APPENDIX E[104]

MOBILIZATION ARMY PROGRAMS FOR INDIVIDUAL TRAINING

(MOB ARPRINT)

SAMPLE

RUN DATE: 24/09/84 MOBILIZATION ARPPINT FOR FY 86/87 PAGE: 1

SCHOOL: 808 - USATC, FT. KNOX/100TH DIV
INSTALLATION:
CRS NBR: RECSTA
TITLE: RECEPTION STATION
PH:
CRS TYPE: RECSTA LENGTH: 0 WEEKS 3.0 DAYS
ATTR: 02.0 $ EFFECTIVE DATE: 1 OCT 85

MOS: ENL SQI: ENL ASI: MAX: 0 FREQ: 0 MTBOR: 6600
WO MOS: OFF SQI: OFF ASI: OPT: 0 CWF: REQMT TBOR OUTPUT DATE: WEEK 26
SSI: OPMS: LIC: MIN: 0 PRGMD TBOR OUTPUT DATE: 6

THE INPUT WINDOW FOR THIS COURSE IS FROM M+01 THRU M+06

WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB
M+01	1744	1122	1122	M+14	295	0	0	M+27	0	0	0	M+40	0	0	0
M+02	1540	1122	1122	M+15	122	0	0	M+28	0	0	0	M+41	0	0	0
M+03	877	1122	1122	M+16	26	0	0	M+29	0	0	0	M+42	0	0	0
M+04	831	1122	1122	M+17	0	0	0	M+30	0	0	0	M+43	0	0	0
M+05	750	1122	1122	M+18	0	0	0	M+31	0	0	0	M+44	0	0	0
M+06	724	1122	1122	M+19	0	0	0	M+32	0	0	0	M+45	0	0	0
M+07	841	0	0	M+20	0	0	0	M+33	0	0	0	M+46	0	0	0
M+08	698	0	0	M+21	0	0	0	M+34	0	0	0	M+47	0	0	0
M+09	678	0	0	M+22	0	0	0	M+35	0	0	0	M+48	0	0	0
M+10	632	0	0	M+23	0	0	0	M+36	0	0	0	M+49	0	0	0
M+11	586	0	0	M+24	0	0	0	M+37	0	0	0	M+50	0	0	0
M+12	585	0	0	M+25	0	0	0	M+38	0	0	0	M+51	0	0	0
M+13	833	0	0	M+26	0	0	0	M+39	0	0	0	M+52	0	0	0
QTR1	10879	6732	6732	QTR2	443	0	0	QTR3	0	0	0	QTR4	0	0	0

CUMULATIVE TOTALS

QTR1	10879	6732	6732	QTR2	11322	6732	6732	QTR3	11322	6732	6732	QTR4	11322	6732	6732

REMARKS:

RUN DATE: 25/09/85

MOBILIZATION APPRINT FOR FY 86/87

SCHOOL: 80# - USATC, FT. KNOX/100TH DIV
INSTALLATION:

CRS NBR: 750-BT
TITLE: BASIC TRAINING

PH: CRS TYPE: BT
ATTR: 05.0 %

LENGTH: 7 WEEKS 0.0 DAYS
EFFECTIVE DATE: 1 OCT 85

MOS: ENL SQI: ENL ASI:
WO MOS: OFF SQI: OFF ASI:
SSI: OPMS: LIC:

MAX: 275 FREQ:
OPT: 250 CNF:
MIN: 220

MTBOR: 7315
REQMT TBOR OUTPUT DATE: WEEK 26
PRGMD TBOR OUTPUT DATE: 13

THE INPUT WINDOW FOR THIS COURSE IS FROM M+01 THRU M+07

WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB
M+01	1905	1100	1100	M+14	425	0	0	M+27	0	0	0	M+40	0	0	0
M+02	1710	1100	1100	M+15	290	0	0	M+28	0	0	0	M+41	0	0	0
M+03	1510	1100	1100	M+16	120	0	0	M+29	0	0	0	M+42	0	0	0
M+04	860	1100	1100	M+17	0	0	0	M+30	0	0	0	M+43	0	0	0
M+05	815	1100	1100	M+18	0	0	0	M+31	0	0	0	M+44	0	0	0
M+06	735	1100	1100	M+19	0	0	0	M+32	0	0	0	M+45	0	0	0
M+07	710	1100	1100	M+20	0	0	0	M+33	0	0	0	M+46	0	0	0
M+08	825	0	0	M+21	0	0	0	M+34	0	0	0	M+47	0	0	0
M+09	685	0	0	M+22	0	0	0	M+35	0	0	0	M+48	0	0	0
M+10	665	0	0	M+23	0	0	0	M+36	0	0	0	M+49	0	0	0
M+11	620	0	0	M+24	0	0	0	M+37	0	0	0	M+50	0	0	0
M+12	575	0	0	M+25	0	0	0	M+38	0	0	0	M+51	0	0	0
M+13	535	0	0	M+26	0	0	0	M+39	0	0	0	M+52	0	0	0
QTR1	12150	7700	7700	QTR2	835	0	0	QTR3	0	0	0	QTR4	0	0	0

CUMULATIVE TOTALS

QTR1	12150	7700	7700	QTR2	12985	7700	7700	QTR3	12985	7700	7700	QTR4	12985	7700	7700

REMARKS:
REF: CAPABILITY. NO SHORT FALL. 8-OUT COMPANIES OF 100TH DIV (TNG) DIVERTED TO SUPPORT CADRE OF FILLS AT M+6 (19D - 1 EA, 19E - 3 EA) AND M+7 (19E-8 EA). M+6 DIVERSIONS AVAIL AFTER M+12 WK. M+7 DIVERSIONS AVAIL AFTER M+13 WK.

RUN DATE: 29/09/85 — MOBILIZATION APPRINT FOR FY 86/87 — PAGE: 3

SCHOOL: 808 - USATC, FT. KNOX/100TH DIV — CRS NBR: 250-19910 — PH: — CRS TYPE: AIT — LENGTH: 6 WEEKS 0.0 DAYS
INSTALLATION: — TITLE: CAVALRY SCOUT — ATTR: 05.0 B — EFFECTIVE DATE: 1 OCT 85

MOS: 19D1 — ENL SQI: — ENL ASI: — MAX: 275 — FREQ: 0 — MTBOR: 10714
WO MOS: — OFF SQI: — OFF ASI: — OPT: 220 — CMF: — REQMT TBOR OUTPUT DATE: WEEK 26
SSI: — OPNS: — LIC: — MIN: 220 — PRGMD TBOR OUTPUT DATE: 26

THE INPUT WINDOW FOR THIS COURSE IS FROM M+08 THRU M+21

Maximum TNG BASE CAP STUDY RESULTS

WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB
M+01	0	0	0	M+14	0	725	275	M+27	0	825	0	M+40	0	825	0
M+02	0	0	0	M+15	0	725	275	M+28	0	825	0	M+41	0	825	0
M+03	0	0	0	M+16	0	725	275	M+29	0	825	0	M+42	0	825	0
M+04	0	0	0	M+17	0	725	275	M+30	0	825	0	M+43	0	825	0
M+05	0	0	0	M+18	0	725	275	M+31	0	825	0	M+44	0	825	0
M+06	0	0	0	M+19	0	1100	275	M+32	0	825	0	M+45	0	825	0
M+07	0	0	0	M+20	0	1100	275	M+33	0	825	0	M+46	0	825	0
M+08	0	725	275	M+21	0	1100	275	M+34	0	825	0	M+47	0	825	0
M+09	0	725	275	M+22	0	825	275	M+35	0	825	0	M+48	0	825	0
M+10	0	725	275	M+23	0	825	275	M+36	0	825	0	M+49	0	825	0
M+11	0	725	275	M+24	0	825	275	M+37	0	825	0	M+50	0	825	0
M+12	0	725	275	M+25	0	825	275	M+38	0	825	0	M+51	0	825	0
M+13	0	725	275	M+26	0	825	275	M+39	0	825	0	M+52	0	825	0
QTR1	0	4350	1650	QTR2	0	11050	3575	QTR3	0	10725	0	QTR4	0	10725	0

CUMULATIVE TOTALS

QTR1	0	4350	1650	QTR2	0	15400	5225	QTR3	0	26125	5225	QTR4	0	36850	5225

REMARKS:

RUN DATE: 25/09/85

MOBILIZATION APPRNT FOR FY 86/87

SCHOOL: 804 - USATC, FT. KNOX/100TH DIV
INSTALLATION:

CRS NBR: 020-19E10
TITLE: M48-M60A1/A3-ARMOR-CREWMAN

PH: CRS TYPE: AIT
ATTR: 05.0 $

LENGTH: 5 WEEKS 0.0 DAYS
EFFECTIVE DATE: 1 OCT 85

MOS: 19E1
WO MOS:
SSI:

ENL SQI:
OFF SQI:
OPMS:

ENL ASI:
OFF ASI:
LIC:

MAX: 275
OPT: 220
MIN: 220

FREQ:
CNF:

MTBOR: 16511
REQMT TBOR OUTPUT DATE: WEEK 26
PRGMD TBOR OUTPUT DATE: 26

THE INPUT WINDOW FOR THIS COURSE IS FROM M+08 THRU M+22

WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB
M+01	0	0	0	M+14	0	1440	453	M+27	0	1440	0	M+40	0	1440	0
M+02	0	0	0	M+15	0	1440	453	M+28	0	1440	0	M+41	0	1440	0
M+03	0	0	0	M+16	0	1440	453	M+29	0	1440	0	M+42	0	1440	0
M+04	0	0	0	M+17	0	1440	453	M+30	0	1440	0	M+43	0	1440	0
M+05	0	0	0	M+18	0	1440	453	M+31	0	1440	0	M+44	0	1440	0
M+06	0	0	0	M+19	0	1440	603	M+32	0	1440	0	M+45	0	1440	0
M+07	0	0	0	M+20	0	1440	603	M+33	0	1440	0	M+46	0	1440	0
M+08	0	1170	738	M+21	0	1440	603	M+34	0	1440	0	M+47	0	1440	0
M+09	0	1170	448	M+22	0	1440	603	M+35	0	1440	0	M+48	0	1440	0
M+10	0	1170	448	M+23	0	1440	603	M+36	0	1440	0	M+49	0	1440	0
M+11	0	1170	448	M+24	0	1440	603	M+37	0	1440	0	M+50	0	1440	0
M+12	0	1170	448	M+25	0	1440	603	M+38	0	1440	0	M+51	0	1440	0
M+13	0	1440	453	M+26	0	1440	603	M+39	0	1440	0	M+52	0	1440	0
QTR1	0	7290	2983	QTR2	0	18720	7089	QTR3	0	18720	0	QTR4	0	18720	0

CUMULATIVE TOTALS

QTR1	0	7290	2983	QTR2	0	26010	10072	QTR3	0	44730	10072	QTR4	0	63450	10072

REMARKS:
INCLUDES 265 INCREASE PER WEEK FROM M +13 FOR OCS REQUIREMENT

RUN DATE: 24/09/84 — MOBILIZATION APPRNT FOR FY 86/87 — PAGE: 5

SCHOOL: 804 - USATC, FT. KNOX/100TH DIV — CRS NBR: 020-19E10-USMC — PH: — CRS TYPE: OSV-AI — LENGTH: 9 WEEKS 0.0 DAYS
INSTALLATION: — TITLE: ARMOR CREWMAN-USMC — ATTR: 05.0 $ — EFFECTIVE DATE: 1 OCT 85

MOS: 19E1 — ENL SQI: — ENL ASI: — MAX: 0 — FREQ: 0 — MTBOR: 0
WO MOS: — OFF SQI: — OFF ASI: — OPT: 0 — CWF: — REQMT TBOR OUTPUT DATE: WEEK 26
SSI: — OPMS: — LIC: — MIN: 0 — PRGMD TBOR OUTPUT DATE: 26

WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB
M+01	0	0	0	M+14	0	30	30	M+27	0	30	0	M+40	0	30	0
M+02	0	0	0	M+15	0	30	30	M+28	0	30	0	M+41	0	30	0
M+03	0	0	0	M+16	0	30	30	M+29	0	30	0	M+42	0	30	0
M+04	0	0	0	M+17	0	30	30	M+30	0	30	0	M+43	0	30	0
M+05	0	0	0	M+18	0	30	30	M+31	0	30	0	M+44	0	30	0
M+06	0	0	0	M+19	0	30	30	M+32	0	30	0	M+45	0	30	0
M+07	0	0	0	M+20	0	30	30	M+33	0	30	0	M+46	0	30	0
M+08	0	45	45	M+21	0	30	30	M+34	0	30	0	M+47	0	30	0
M+09	0	35	35	M+22	0	30	30	M+35	0	30	0	M+48	0	30	0
M+10	0	35	35	M+23	0	30	30	M+36	0	30	0	M+49	0	30	0
M+11	0	35	35	M+24	0	30	30	M+37	0	30	0	M+50	0	30	0
M+12	0	35	35	M+25	0	30	30	M+38	0	30	0	M+51	0	30	0
M+13	0	30	30	M+26	0	30	30	M+39	0	30	0	M+52	0	30	0
QTR1	0	215	215	QTR2	0	390	390	QTR3	0	390	0	QTR4	0	390	0

CUMULATIVE TOTALS

QTR1	0	215	215	QTR2	0	605	605	QTR3	0	995	605	QTR4	0	1385	605

REMARKS:

RUN DATE: 25/09/85 MOBILIZATION APPRINT FOR FY 86/87 PAGE: 6

SCHOOL: 80% - USATC, FT. KNOX/100TH DIV CRS NBR: 020-19K10 PH: CRS TYPE: AIT LENGTH: 5 WEEKS 0.0 DAYS
INSTALLATION: TITLE: M1 ABRAMS ARMOR CREWMAN ATTR: 05.0 % EFFECTIVE DATE: 1 OCT 85

MOS: 19K1 ENL SQI: ENL ASI: MAX: 140 FREQ: 0 MTBOR: 1928
WO MOS: OFF SQI: OFF ASI: OPT: 105 CMF: REQMT TBOR OUTPUT DATE: WEEK 26
SSI: OPMS: LIC: MIN: 105 PRGMD TBOR OUTPUT DATE: 26

THE INPUT WINDOW FOR THIS COURSE IS FROM M+08 THRU M+22

WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB	WEEK	REQMT	PRGMD	CAPAB
M+01	4	4	4	M+14	0	140	27	M+27	0	180	0	M+40	0	180	0
M+02	4	4	4	M+15	0	140	27	M+28	0	180	0	M+41	0	180	0
M+03	4	4	4	M+16	0	140	27	M+29	0	180	0	M+42	0	180	0
M+04	4	4	4	M+17	0	140	27	M+30	0	180	0	M+43	0	180	0
M+05	4	4	4	M+18	0	140	27	M+31	0	180	0	M+44	0	180	0
M+06	4	4	4	M+19	0	140	27	M+32	0	180	0	M+45	0	180	0
M+07	4	4	4	M+20	0	140	27	M+33	0	180	0	M+46	0	180	0
M+08	0	140	27	M+21	0	140	27	M+34	0	180	0	M+47	0	180	0
M+09	0	140	27	M+22	0	140	27	M+35	0	180	0	M+48	0	180	0
M+10	0	140	27	M+23	0	105	21	M+36	0	180	0	M+49	0	180	0
M+11	0	140	27	M+24	0	105	21	M+37	0	180	0	M+50	0	180	0
M+12	0	140	27	M+25	0	105	21	M+38	0	180	0	M+51	0	180	0
M+13	0	140	27	M+26	0	105	21	M+39	0	180	0	M+52	0	180	0
QTR1	28	868	190	QTR2	0	1680	327	QTR3	0	2340	0	QTR4	0	2340	0

CUMULATIVE TOTALS

QTR1	28	868	190	QTR2	28	2548	517	QTR3	28	4888	517	QTR4	28	7228	517

** FIRST SEVEN WEEKS OF AIT REPRESENT AVERAGE INPUTS FROM PEACETIME PROGRAM. GRADUATES FROM THESE CLASSES OR ANY CLASS ALREADY IN SESSION PRIOR TO M+1 ARE NOT COUNTED AGAINST THE MOBILIZATIONOUTPUT REQUIREMENT

REMARKS:
INCLUDES 35 INCREASE PER WEEK FROM M+13 FOR OCS REQUIREMENT.

APPENDIX F

MOBILIZATION LEVELS[59,121]

Selective Mobilization - The expansion of the active force which results when Congress and/or the President activates Reserve Component units and associated support in response to a domestic emergency which does not result from external threat.

Presidential Call-Up of 100,000 Selected Reservists - The augmentation of the active force which results when the President directs activation of units and up to 100,000 personnel of the selected reserve (all services) for 90 days to meet the requirements of an operational mission.

Partial Mobilization - The expansion of the active force resulting from a congressional or presidential directive to activate Reserve Component units and the Individual Ready Reserve (IRR). It involves up to one million personnel for periods up to 24 months to meet the limited requirements for war or other contingencies involving an external threat to national security.

Full Mobilization - The expansion of the active force resulting from a congressional and presidential directive to activate all Reserve Component units in the existing approved force structure. This includes unmanned and unequipped units (Component 4, as defined at Appendix D), IRRs, selective recall of military retirees, and associated support to meet the requirements for war or other contingencies involving an external threat to national security.

Total Mobilization - The expansion of the active force resulting from a congressional and presidential directive to increase personnel strengths and unit inventories beyond the existing force structure (Component 6, as defined at Appendix D). It also mobilizes all national resources to support the total requirements for war or other contingencies involving an external threat to national security.

APPENDIX G

MOBILIZATION PHASES[59,91]

The US Army Forces Command Mobilization and Deployment Planning System (FORMDEPS) outlines the five phases of mobilization as:

Phase I - Premobilization

Phase II - Alert

Phase III - Mobilization at Home Station

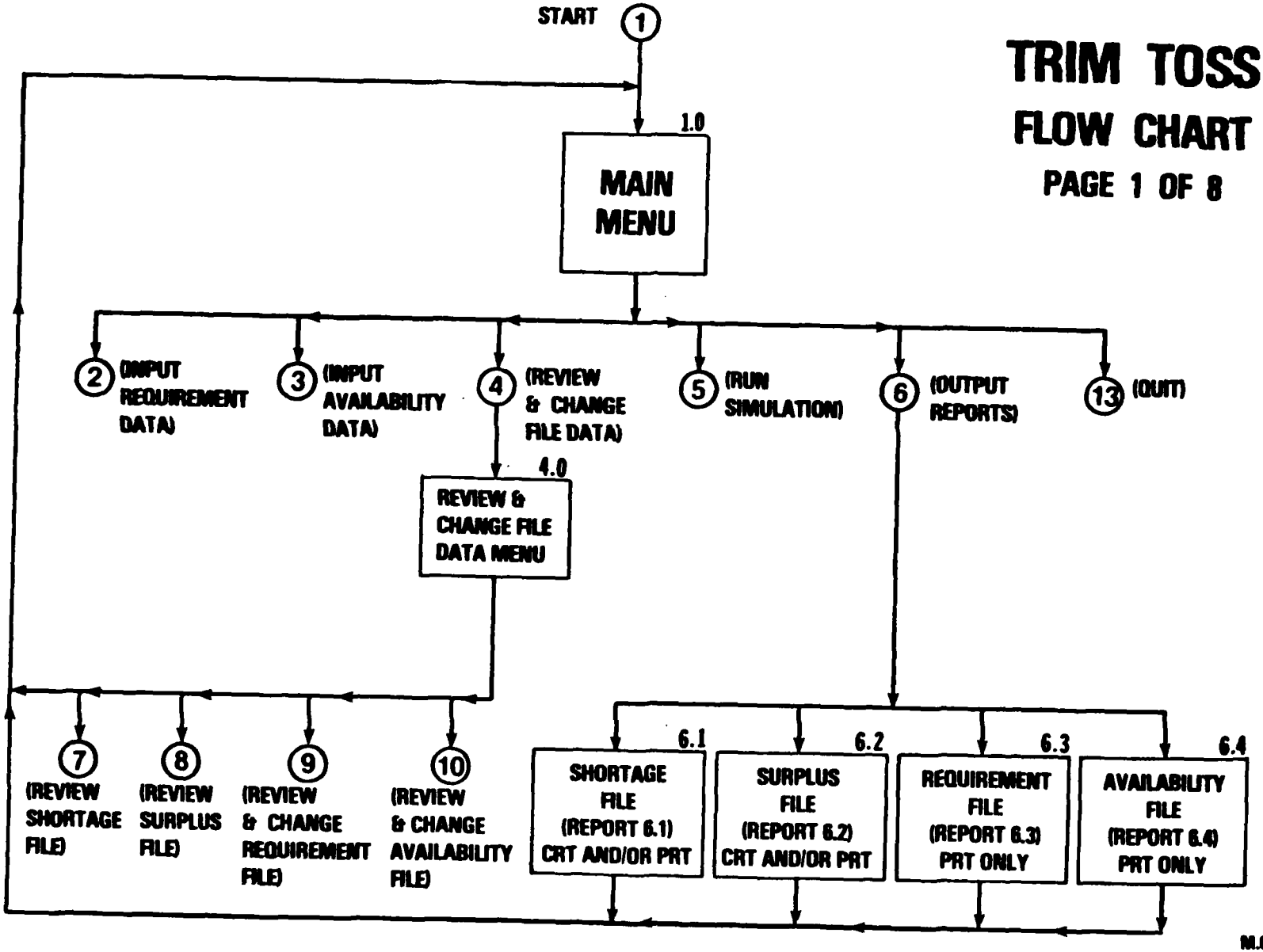
Phase IV - Movement to Mobilization Station

Phase V - Operational Readiness Improvement

APPENDIX H

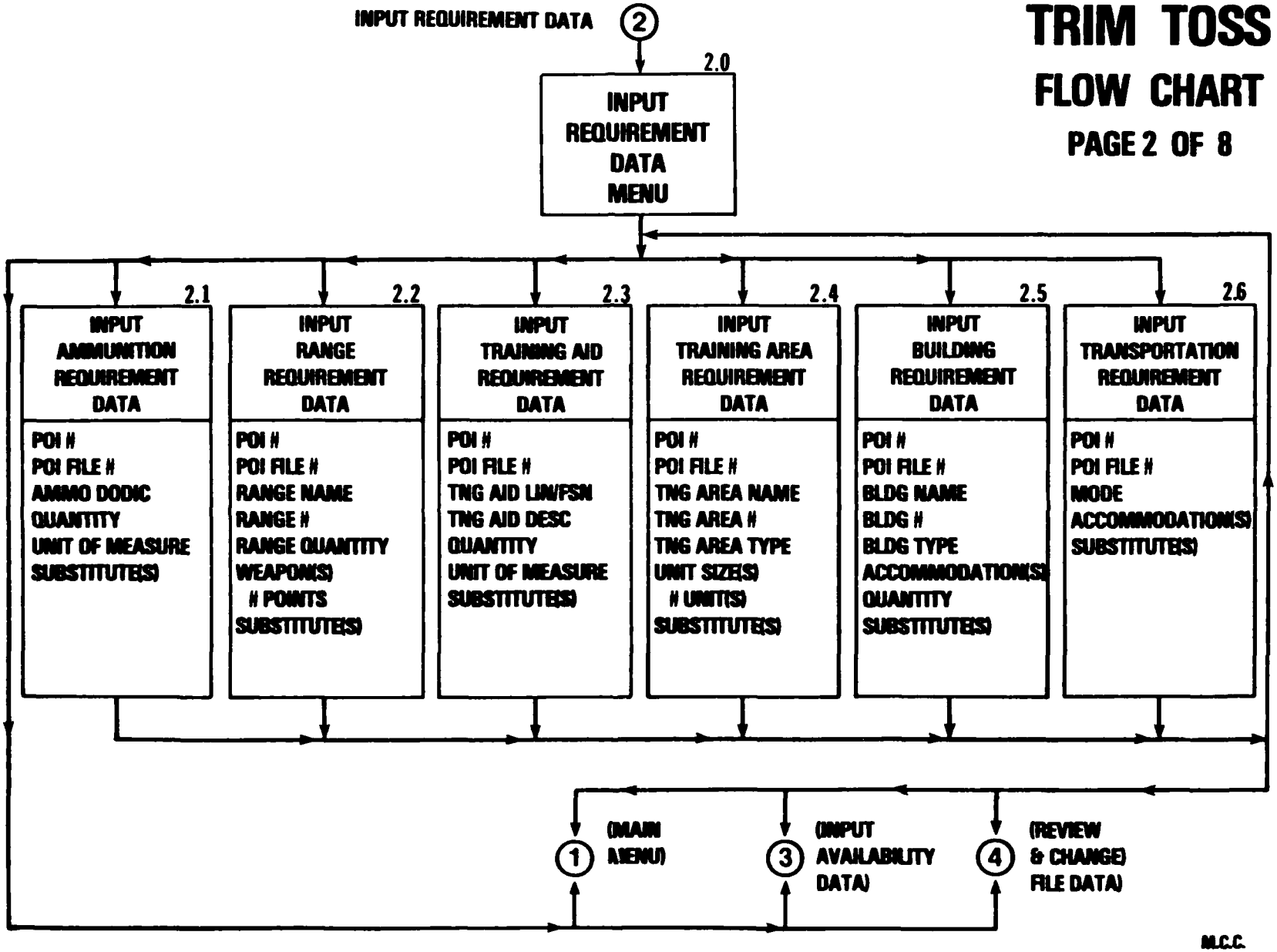
TRIM TOSS FLOWCHART

TRIM TOSS
FLOW CHART
PAGE 1 OF 8



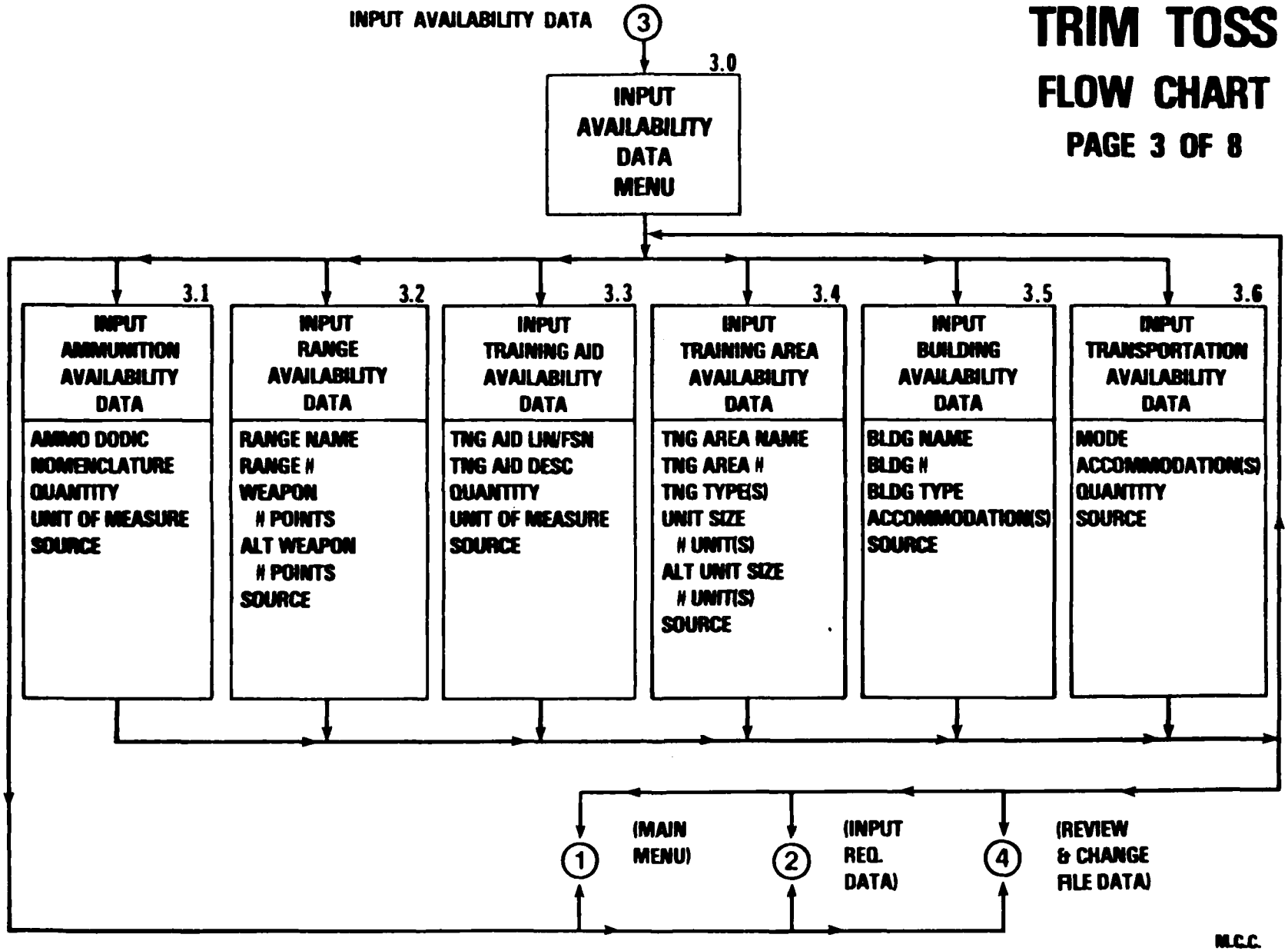
M.C.C.
1 APR 86

TRIM TOSS
FLOW CHART
PAGE 2 OF 8



M.C.C.
1 APR 86

TRIM TOSS
FLOW CHART
PAGE 3 OF 8



M.C.C.
1 APR 86

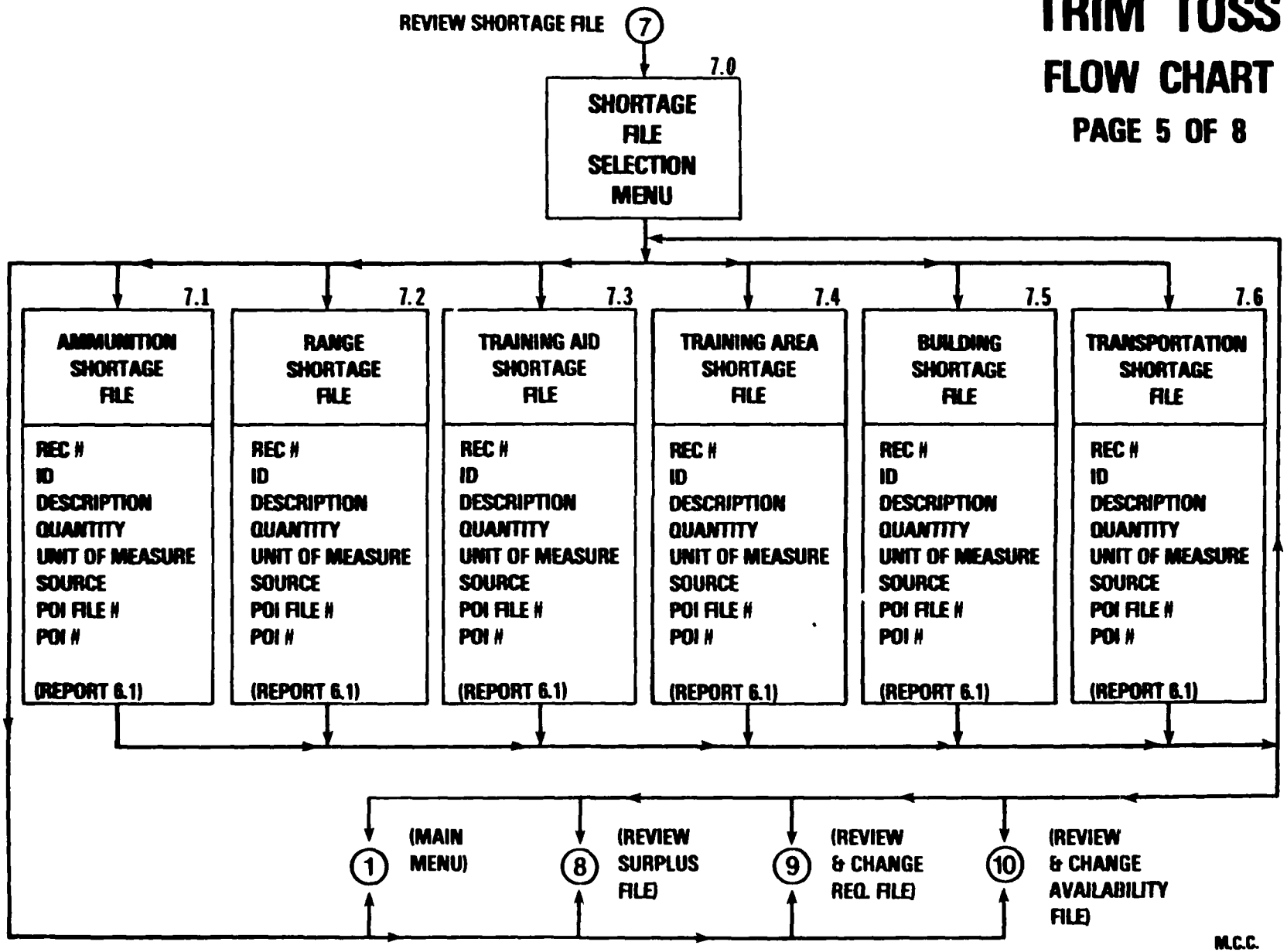
RUN SIMULATION (5)

TRIM TOSS
FLOW CHART

(TO BE DEVELOPED – BY OTHERS)

M.C.C.
1 APR 86

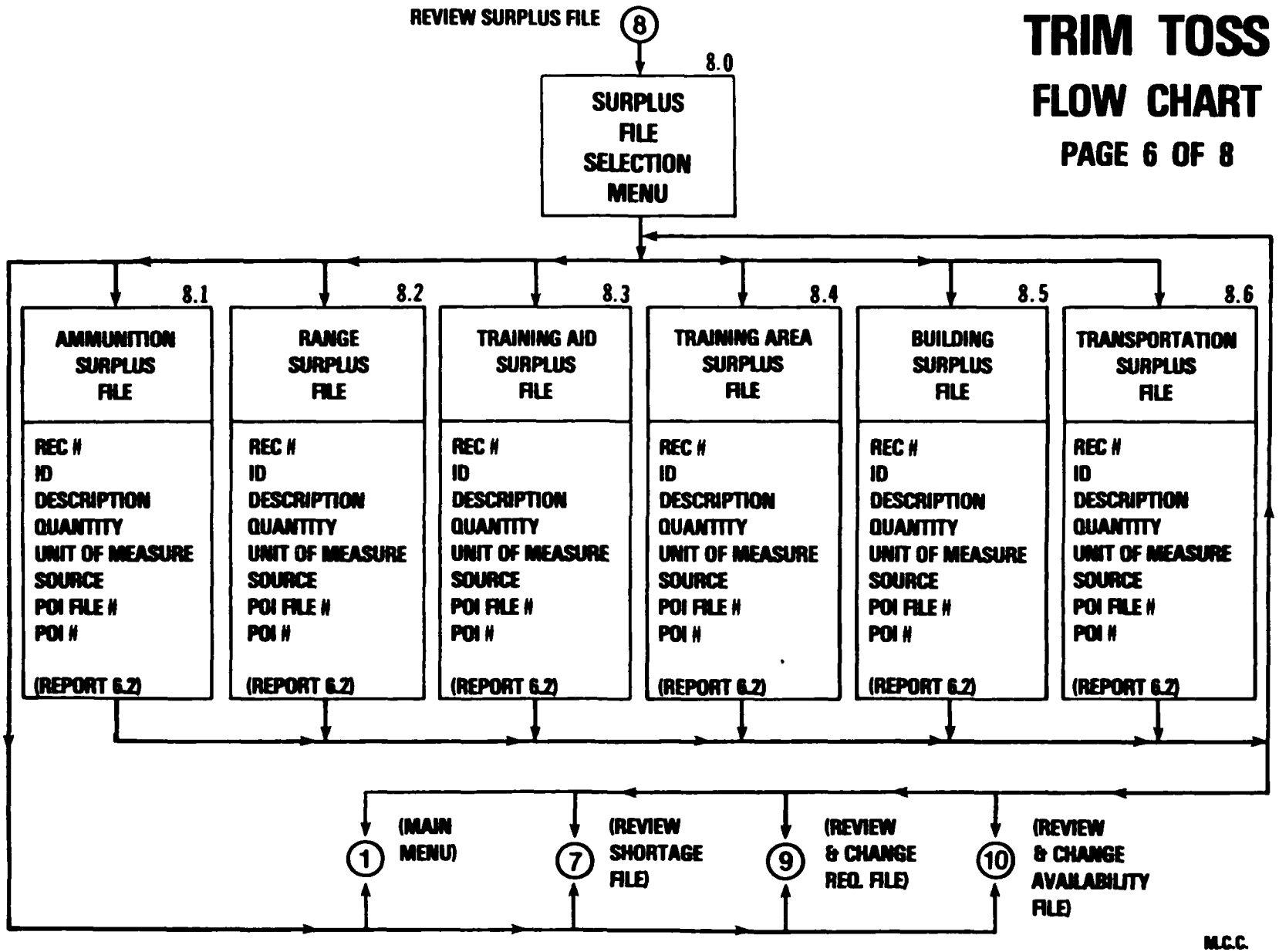
TRIM TOSS
FLOW CHART
PAGE 5 OF 8



M.C.C.
1 APR 86

WO 973 - DISK 33 - Carew - CLW - 86

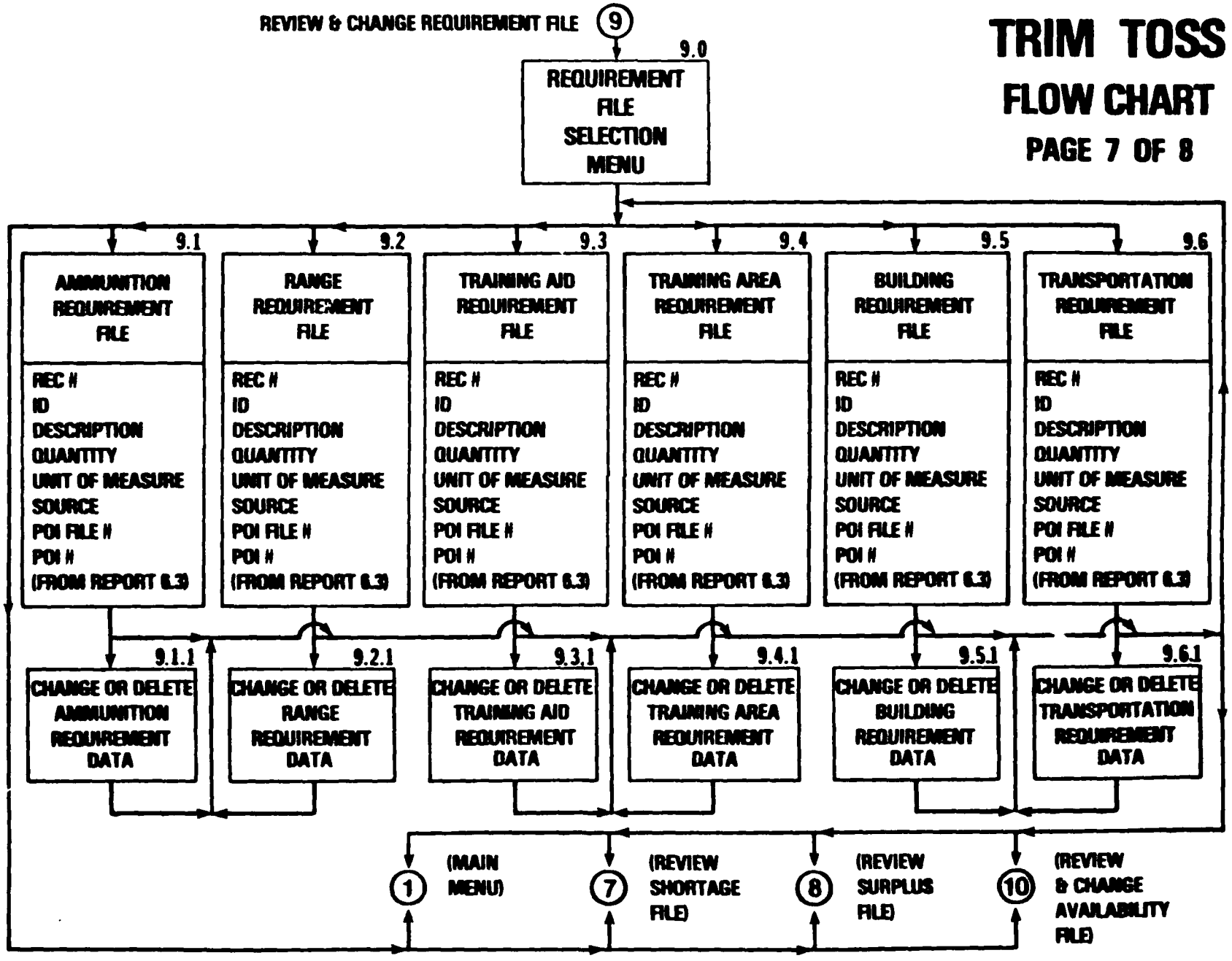
TRIM TOSS
FLOW CHART
PAGE 6 OF 8



M.C.C.
1 APR 86

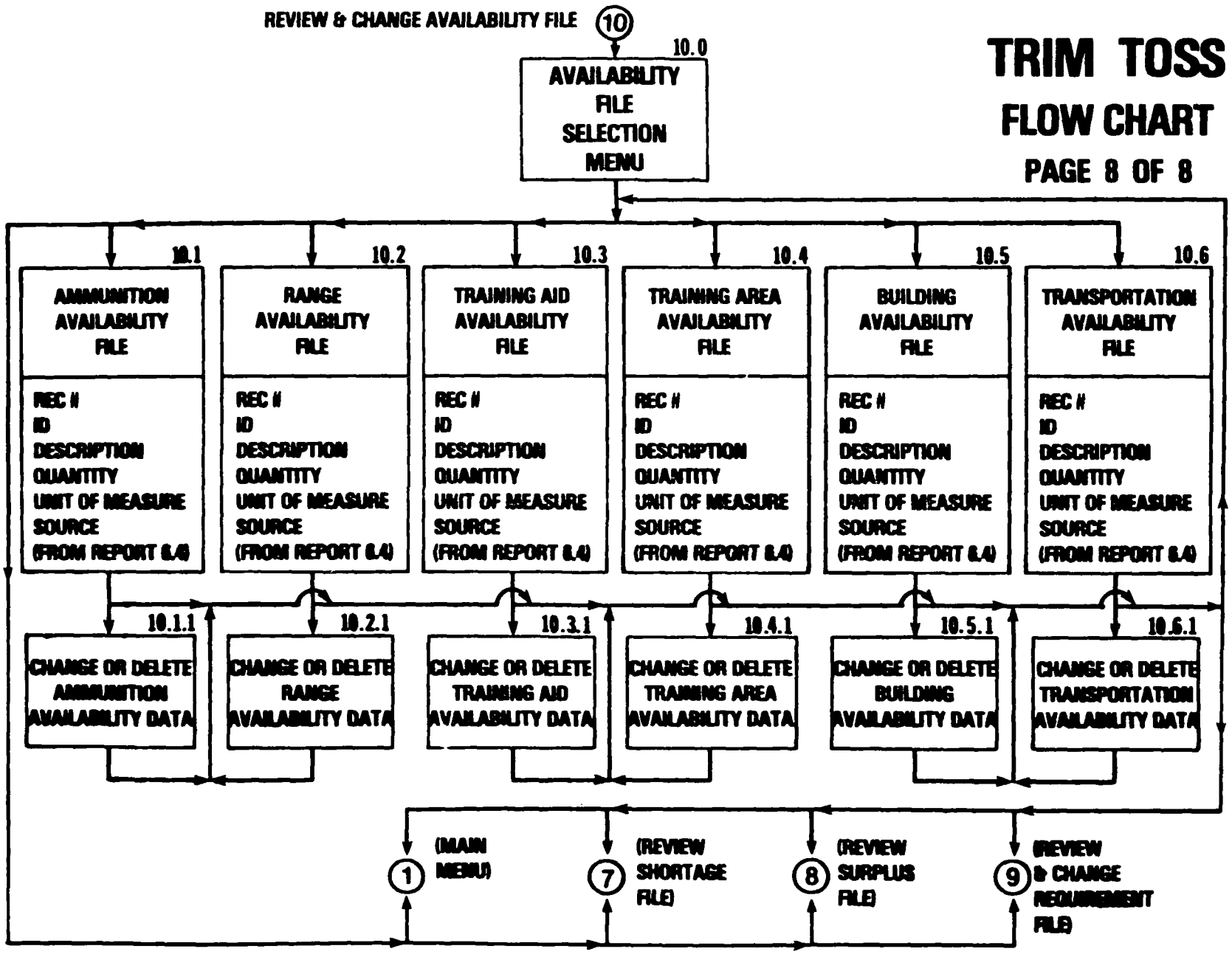
0 973 · DISK 33 · Carew · CLW · 86

TRIM TOSS
FLOW CHART



M.C.C.

TRIM TOSS
FLOW CHART



M.C.C.
1 APR 88

APPENDIX I

TRIM TOSS MASKS AND REPORTS

MASK 1.0

TRIM TOSS* MAIN MENU

If You Wish:	Select
To Input Requirement Data	1
To Input Availability Data	2
To Review & Change File Data	3
To Run Simulation, Enter ARPRINT Student Load	/_/_/_/_/_/_/ (N)

-AND-

Select Outputs & Modes - Enter all that apply:

Output SHORTAGE FILE Via CRT	4
Output SHORTAGE FILE Via Printer	5
Output SHORTAGE FILE & SURPLUS FILE Via CRT	6
Output SHORTAGE FILE & SURPLUS FILE Via Printer	7
Output SHORTAGE FILE, SURPLUS FILE, REQUIREMENT FILE, & AVAILABILITY FILE Via Printer	8
To Quit	0

*TRAINING DIVISION MOBILIZATION TRAINING OPERATIONS SIMULATION SYSTEM

MASK 2.0

INPUT REQUIREMENT DATA

If You Wish:	Select
To Input Ammunition Requirement Data	1
To Input Range Requirement Data	2
To Input Training Aid Requirement Data	3
To Input Training Area Requirement Data	4
To Input Building Requirement Data	5
To Input Transportation Requirement Data	6
To Input Availability Data	7
To Review & Change Data	8
To Return to MAIN MENU	0

MASK 2.1

INPUT AMMUNITION REQUIREMENT DATA

Enter:		Data Field Size	Data Field Type
POI #	*	16	A/N
POI File #	*	16	A/N
DODIC	*	4	A/N
Quantity Required	*	8	N
Unit of Measure	*	2	A
Acceptable Substitute(s):			
DODIC		4	A/N
DODIC		4	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & POI	1
Same Mask Only	2
Same POI, Input Range Requirement Data	3
Same POI, Input Training Aid Requirement Data Mask	4
Same POI, Input Training Area Requirement Data Mask	5
Same POI, Input Building Requirement Data Mask	6
Same POI, Input Transportation Requirement Data Mask	7
To Input AVAILABILITY DATA	8
To Return to MAIN MENU	0

* = Required Entry

MASK 2.2

INPUT RANGE REQUIREMENT DATA

Enter:		Data Field Size	Type
POI #	*	16	A/N
POI File #	*	16	A/N
Range: Name		14	A/N
-OR- #	**	24	A/N
-OR- Quantity		8	N
Weapon(s)	*	24	A/N
# Points	*	4	N
Acceptable Substitute(s):			
Weapon &		16	A/N
# Points		4	N
Weapon &		16	A/N
# Points		4	N

Select Next Mask: *

If You Wish:	Select
Same Mask & POI	1
Same Mask Only	2
Same POI, Input Ammunition Requirement Data Mask	3
Same POI, Input Training Aid Requirement Data Mask	4
Same POI, Input Training Area Requirement Data Mask	5
Same POI, Input Building Requirement Data Mask	6
Same POI, Input Transportation Requirement Data Mask	7
To Input AVAILABILITY DATA	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

MASK 2.3

INPUT TRAINING AID REQUIREMENT DATA

Enter:		Data Field Size	Data Field Type
POI #	*	16	A/N
POI File #	*	16	A/N
Training Aid LIN/FSN		16	A/N
-OR-	**		
Description		24	A/N
Quantity Required	*	4	N
Unit of Measure	*	2	A
Acceptable Substitute(s):			
LIN/FSN		16	A/N
-OR- Description		24	A/N
LIN/FSN		16	A/N
-OR- Description		24	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & POI	1
Same Mask Only	2
Same POI, Input Ammunition Requirement Data Mask	3
Same POI, Input Range Requirement Data Mask	4
Same POI, Input Training Area Requirement Data Mask	5
Same POI, Input Building Requirement Data Mask	6
Same POI, Input Transportation Requirement Data Mask	7
To Input AVAILABILITY Data	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

MASK 2.4

INPUT TRAINING AREA REQUIREMENT DATA

Enter:		Data Field Size	Type
POI #	*	16	A/N
POI File #	*	16	A/N
Training Area: Name		24	A/N
-OR- #	**	8	A/N
-OR- Type		8	A/N
Unit(s): Size &	*	4	A/N
# Unit(s)	*	4	N
Acceptable Substitute(s):			
Training Area: Name		16	A/N
-OR- #		8	A/N
-OR- Type		16	A/N
Training Area: Name		16	A/N
-OR- #		8	A/N
-OR- Type		16	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & POI	1
Same Mask Only	2
Same POI, Input Ammunition Requirement Data Mask	3
Same POI, Input Range Requirement Data Mask	4
Same POI, Input Training Aid Requirement Data Mask	5
Same POI, Input Building Requirement Data Mask	6
Same POI, Input Transportation Requirement Data Mask	7
To Input AVAILABILITY Data	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

MASK 2.5

INPUT BUILDING REQUIREMENT DATA

Enter:		Data Field Size	Type
POI #	*	16	A/N
POI File #	*	16	A/N
Building: Name		24	A/N
-OR- #	**	8	A/N
-OR- Type Code		2	N

Type Codes:			
Admin	10	Billet	40
Supply	15	Dining	45
Storage	20	General Instruction	50
Issue	25	Applied Instruction	55
Maintenance	30	Commo Instruction	60
Garage	35	Laboratory	65
		Medical	70

Must Accommodate:				
# Students at Once		4	N	
# Meals/24 hrs. (Dining Halls)		4	N	
# Special Equip Sets &		4	N	
Type Special Equip		16	A/N	
# Vehicles &		4	N	
Type Vehicles		16	A/N	
# Weapons &		4	N	
Type Weapons		16	A/N	
Quantity Required	*	8	N	
Acceptable Substitute(s):				
Type Code &		2	N	
# of Substitutes = One 1st Choice Bldg		8		D
Type Code &		2	N	
# of Substitutes = One 1st Choice Bldg		8		D

Select Next Mask: *

If You Wish:	Select
Same Mask & POI	1
Same Mask Only	2
Same POI, Input Ammunition Requirement Data Mask	3
Same POI, Input Range Requirement Data Mask	4
Same POI, Input Training Aid Requirement Data Mask	5
Same POI, Input Training Area Data Mask	6
Same POI, Input Transportation Requirement Data Mask	7
To Input AVAILABILITY Data	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

MASK 2.6

INPUT TRANSPORTATION REQUIREMENT DATA

Enter:		Data Field Size	Type
POI #	*	16	A/N
POI File #	*	16	A/N
Mode Code of 1st Choice	*	2	N

Mode Codes:			
Sedan	05	Trailer, Admin	50
Taxi	10	Trailer, Tactical	55
Bus, Commercial	15	Trailer, Water	60
Bus, Military	18	Trailer, Fuel	63
Truck, Admin	20	Track, Recovery	65
Truck, Tactical	25	Track, Resupply	70
Truck, Recovery, Admin	30	Aircraft, Fixed Wing	75
Truck, Recovery, Tactical	35	Aircraft, Rotary Wing	80
Truck, Fuel	38	Watercraft	85
Tractor, Admin	40	Hovercraft	90
Tractor, Tactical	45	Rail Car	95

Must Accommodate:				
# Passengers		4	N	
# Tons of Cargo	***	4	N	
# Cubic Feet of Cargo		4	N	
Acceptable Substitute Mode(s):				
Mode Code &		2	N	
# of Substitutes = One 1st Choice Vehicle		8		D
Mode Code &		2	N	
# of Substitutes = One 1st Choice Vehicle		8		D

Select Next Mask: *

If You Wish:	Select
Same Mask & POI	1
Same Mask Only	2
Same POI, Input Ammunition Requirement Data Mask	3
Same POI, Input Range Requirement Data Mask	4
Same POI, Input Training Aid Requirement Data Mask	5
Same POI, Input Training Area Data Mask	6
Same POI, Input Buildings Requirement Data Mask	7
To Input AVAILABILITY Data	8
To Return to MAIN MENU	0

* = Required Entry
*** = May Enter One

MASK 3.0

INPUT AVAILABILITY DATA MENU

If You Wish:	Select
To Input Ammunition Availability Data	1
To Input Range Availability Data	2
To Input Training Aid Availability Data	3
To Input Training Area Availability Data	4
To Input Building Availability Data	5
To Input Transportation Availability Data	6
To Input Requirement Data	7
To Review & Change Data	8
To Return to MAIN MENU	0

MASK 3.1

INPUT AMMUNITION AVAILABILITY DATA

Enter:		Data Field Size	Data Field Type
DODIC	*	4	A/N
Nomenclature	*	24	A/N
Quantity	*	8	N
Unit of Measure		2	A
Source Unit		24	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & Source	1
Same Mask Only	2
To Input Range Availability Data	3
To Input Training Aid Availability Data	4
To Input Training Area Availability Data	5
To Input Building Availability Data	6
To Input Transportation Availability Data	7
To Input REQUIREMENT Data	8
To Return to MAIN MENU	9

* = Required Entry

(BT POI ANNEX I)

MASK 3.2

INPUT RANGE AVAILABILITY DATA

Enter:		Data Field Size	Type
Range Name		24	A/N
Range #	**	8	A/N
Weapon &	*	24	A/N
# Points	*	4	N
Alternate Weapon &		8	A/N
# Points		4	N
Source Unit		24	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & Source	1
Same Mask Only	2
To Input Ammunition Availability Data	3
To Input Training Aid Availability Data	4
To Input Training Area Availability Data	5
To Input Building Availability Data	6
To Input Transportation Availability Data	7
To Input REQUIREMENT Data	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

MASK 3.3

INPUT TRAINING AID AVAILABILITY DATA

Enter:		Data Field Size	Type
Training Aid:			
LIN/FSN (if known) &		16	A/N
Description	*	24	A/N
Quantity Available &	*	4	N
Unit of Measure	*	2	A
Source Unit		24	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & Source	1
Same Mask Only	2
To Input Ammunition Availability Data	3
To Input Range Availability Data	4
To Input Training Area Availability Data	5
To Input Building Availability Data	6
To Input Transportation Availability Data	7
To Input REQUIREMENT Data	8
To Return to MAIN MENU	0

* = Required Entry

MASK 3.4

INPUT TRAINING AREA AVAILABILITY DATA

Enter:			Data Field Size	Data Field Type
Training Area:	Name		24	A/N
	#	**	8	A/N
	Type(s)		24	A/N
Can Accommodate:				
Unit Size &			4	A/N
# Unit(s)			4	N
Alternate Unit Size &			4	A/N
# Unit(s)			4	N
Source Unit			24	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & Source	1
Same Mask Only	2
To Input Ammunition Availability Data	3
To Input Range Availability Data	4
To Input Training Aid Availability Data	5
To Input Building Availability Data	6
To Input Transportation Availability Data	7
To Input REQUIREMENT Data	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

Typical Training Areas:

ARTEP Area	Land Navigation Course
Bivouac Course	Mounted Nativation Course
CBR Proficiency Course	Obstacle Course
Confidence Course	PT Test Course
Demolition Area	Recovery Course
Driving Course, Basic	Test & Evaluation Facility
Driving Course, Advanced	Wash Rack

MASK 3.5

INPUT BUILDING AVAILABILITY DATA

Enter:		Data Field Size	Type
Building Name		24	A/N
Building #	**	8	A/N
Type Code	*	2	

Type Codes:			
Admin	10	Billet	40
Supply	15	Dining	45
Storage	20	General Instruction	50
Issue	25	Applied Instruction	55
Maintenance	30	Command Instruction	60
Garage	35	Laboratory	65
		Medical	70

Can Accommodate:		
# Students at Once	4	N
# Meals/24 Hrs (Dining Halls)	4	N
# Special Equip Sets &	4	N
Type Special Equip	16	A/N
# Vehicles &	4	N
Type Vehicles	16	A/N
# Weapons &	4	N
Type Weapons	16	A/N
Source Unit	24	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & Source	1
Same Mask Only	2
To Input Ammunition Availability Data	3
To Input Range Availability Data	4
To Input Training Aid Availability Data	5
To Input Training Area Availability Data	6
To Input Transportation Availability Data	7
To Input REQUIREMENT Data	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

MASK 3.6

INPUT TRANSPORTATION AVAILABILITY DATA
(Less Training Aids)

Enter:		Data Field Size	Type
Mode Code	*	2	N

Mode Codes:			
Sedan	05	Trailer, Admin	50
Taxi	10	Trailer, Tactical	55
Bus, Commercial	15	Trailer, Water	60
Bus, Military	18	Trailer, Fuel	63
Truck, Admin	20	Track, Recovery	65
Truck, Tactical	25	Track, Resupply	70
Truck, Recovery, Admin	30	Aircraft, Fixed Wing	75
Truck, Recovery, Tactical	35	Aircraft, Rotary Wing	80
Truck, Fuel	38	Watercraft	85
Tractor, Admin	40	Hovercraft	90
Tractor, Tactical	45	Rail Car	95

Can Accommodate:			
# Passengers		4	N
# Tons of Cargo	**	4	N
# Cubic Feet of Cargo		4	N
Quantity Available	*	8	N
Source Unit		24	A/N

Select Next Mask: *

If You Wish:	Select
Same Mask & Source	1
Same Mask Only	2
To Input Ammunition Availability Data	3
To Input Range Availability Data	4
To Input Training Aid Availability Data	5
To Input Training Area Availability Data	6
To Input Building Availability Data	7
To Input REQUIREMENT Data	8
To Return to MAIN MENU	0

* = Required Entry
** = Must Enter One

MASK 4.0

REVIEW AND CHANGE FILE DATA MENU

If You Wish:	Select
To Review SHORTAGE FILE	1
To Review SURPLUS FILE	2
To Review & Change REQUIREMENT FILE	3
To Review & Change AVAILABILITY FILE	4
To Return to MAIN MENU	0

REPORT 6.1

SHORTAGE FILE
(CRT and/or Printer)

ARPRINT RATE: ///////// DATE OF SIMULATION: ////////

Rec #	Resource	ID	Description	QTY	UM	Source	POI File #	POI #
1	8 Ammo	4 DODIC	24 Nomenclature	8	2 EA	24	16	16
2	8 Range	8 Range #	24 Range Name 21 Weapon	2	2 HR	24	16	16
3	Tng Aid	16 LIN/FSN	24 Nomenclature	4	3 EA	24	16	16
4	Tng Area	8 Tng Ar #	24 Tng Area Name 9 # Units/Type Units 16 Type Tng	2	2 HR	24	16	16
5	Bldg	8 Bldg #	20 Bldg Type 20 Accommodation	2	2 HR	24	16	16
6	Trans	16 Mode	24 Accommodation	4	2	24	16	16
	>>> Above Net Balance Includes Use of Following Substitute(s):							
7	Trans	16 Mode	24 Accommodation	8	2	24	16	16

Systems Notes:

1. Zero net balances will be displaced IF substitutes were applied.
2. If output is via printer only, return CRT screen to MAIN MENU.

If output includes CRT, add note at end of scroll: Depress "Enter" key to Return to MAIN MENU.

REPORT 6.2

SURPLUS FILE
(CRT and/or Printer)

Rec #	Resource	ID	Description	QTY	UM	Source	POI File #	POI #
18	8 Ammo	4 DODIC	24 Nomenclature	8	2 EA	24	16	16
	>>> Above Surplus Will Substitute For:							
19	8 Ammo	4 DODIC	24 Nomenclature	8	2	24	16	16

Systems Note: If output is via printer only, return CRT screen to MAIN MENU. If output includes CRT, add note at end of scroll: Depress "Enter" key to Return to MAIN MENU.

REPORT 6.3

REQUIREMENT FILE
(Printer Only)

Rec #	Resource	ID	Description	QTY	UM	Source	POI File #	POI #
26	8 Ammo	4 DODIC	24 Nomenclature	8	2 EA	24	16	16
27	8 Range	8 Range #	24 Range Name 21 Weapon & # Points	8	2	24	16	16
28	8 Tng Aid	16 LIN/FSN	24 Nomenclature	8	2	24	16	16
29	8 Tng Area	8 Tng Area #	24 Tng Area Name	8	2	24	16	16
30	8 Bldg	8 Bldg #	20 Bldg Type 20 Accommodation	8	2	24	16	16
31	8 Trans	16 Mode	24 Accommodation	8	2	24	16	16

Systems Note: Return CRT screen to MAIN MENU.

REPORT 6.4

AVAILABILITY FILE
(Printer Only)

Rec #	Resource	ID	Description	QTY	UM	Source
38	8 Ammo	4 DODIC	24 Nomenclature	8	2 EA	24
39	8 Range	8 Range #	24 Range Name 21 Weapon # Points	2	2 HR	24
40	8 Tng Aid	16 LIN/FSN	24 Nomenclature	4	2 EA	24
41	8 Tng Area	8 Tng Area #	24 Tng Area Name	.2	2 HR	24
42	8 Bldg	8 Bldg #	20 Bldg Type 20 Accommodation	2	2 HR	24
43	8 Trans	16 Mode	24 Accommodation	8	2	24

Systems Note: Return CRT screen to MAIN MENU.

MASK 7.0

SHORTAGE FILE SELECTION MENU

If You Wish:	Select
To Review Ammunition Shortage File	1
To Review Range Shortage File	2
To Review Training Aid Shortage File	3
To Review Training Area Shortage File	4
To Review Building Shortage File	5
To Review Transportation Shortage File	6
To Review SURPLUS FILE	7
To Review & Change REQUIREMENT FILE	8
To Review & Change AVAILABILITY FILE	9
To Return to MAIN MENU	0

MASK 7.1

AMMUNITION SHORTAGE FILE

Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
1	4 DODIC	24 Nomenclature	8	2 EA	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Range Shortage File	1
To Review Training Aid Shortage File	2
To Review Training Area Shortage File	3
To Review Building Shortage File	4
To Review Transportation Shortage File	5
To Review SURPLUS FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to *MAIN MENU*	0

MASK 7.2

RANGE SHORTAGE FILE

Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
2	8 Range #	24 Range Name 16 Weapon & # Points	2	2 HR	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Ammunition Shortage File	1
To Review Training Aid Shortage File	2
To Review Training Area Shortage File	3
To Review Building Shortage File	4
To Review Transportation Shortage File	5
To Review SURPLUS FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 7.3

TRAINING AID SHORTAGE FILE

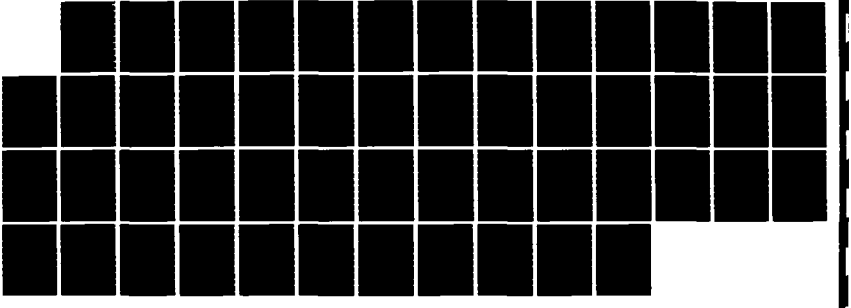
Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
3	16 LIN/FSN	24 Nomenclature	4	3 EA	24	16	16

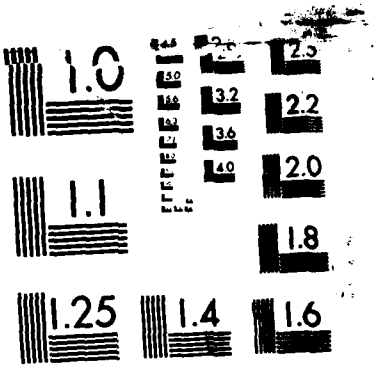
Select Next Mask:

If You Wish:	Select
To Review Ammunition Shortage File	1
To Review Range Shortage File	2
To Review Training Area Shortage File	3
To Review Building Shortage File	4
To Review Transportation Shortage File	5
To Review SURPLUS FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

AD-A168 348 LOGISTICAL SUPPORT FOR THE MOBILIZED ARMY TRAINING DIVISION'S OPERATIONS: TRIM TOSS A SIMULATION PARADIGM (U) ARMY WAR COLL CARLISLE BARRACKS PA M C CLAYTON 2/2

UNCLASSIFIED 07 MAY 86 F/G 15/3 NL





MASK 7.4

TRAINING AREA SHORTAGE FILE

Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
	8	24	2	2	24	16	16
4	Tng Area #	Tng Area Name		HR			
		9					
		# Units/Type Units					
		16					
		Type Tng					

Select Next Mask:

If You Wish:	Select
To Review Ammunition Shortage File	1
To Review Range Shortage File	2
To Review Training Aid Shortage File	3
To Review Building Shortage File	4
To Review Transportation Shortage File	5
To Review SURPLUS FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 7.5

BUILDING SHORTAGE FILE

Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
5	8 Bldg #	20 Bldg Type 20 Accommodation	2	2 HR	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Ammunition Shortage File	1
To Review Range Shortage File	2
To Review Training Aid Shortage File	3
To Review Training Area File	4
To Review Transportation Shortage File	5
To Review SURPLUS FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 7.6

TRANSPORTATION SHORTAGE FILE

Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
6	16 Mode	24 Accommodation	8	2	24	16	16
	>>> Above Net Balance Includes Use of Following Substitute(s):						
7	16 Mode	24 Accommodation	8	2	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Ammunition Shortage File	1
To Review Range Shortage File	2
To Review Training Aid Shortage File	3
To Review Training Area File	4
To Review Building File	5
To Review SURPLUS FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 8.0

SURPLUS FILE SELECTION MENU

If You Wish:	Select
To Review Ammunition Surplus File	1
To Review Range Surplus File	2
To Review Training Aid Surplus File	3
To Review Training Area Surplus File	4
To Review Building Surplus file	5
To Review Transportation Surplus File	6
To Review SHORTAGE FILE	7
To Review & Change REQUIREMENT FILE	8
To Review & Change AVAILABILITY FILE	9
To Return to MAIN MENU	0

MASK 8.1

AMMUNITION SURPLUS FILE

Rec #	ID	Description	QTY	UM	Source	Some Applied To: POI File #	POI #
18	4 DODIC	24 Nomenclature	8	2 EA	24	16	16
		>>> Above Surplus Will Substitute For:					
19	4 DODIC	24 Nomenclature	8	2	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Range Surplus File	1
To Review Training Aid Surplus File	2
To Review Training Area Surplus File	3
To Review Building Surplus file	4
To Review Transportation Surplus File	5
To Review SHORTAGE FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 8.2

RANGE SURPLUS FILE

Rec #	ID	Description	QTY	UM	Source	Some Applied To: POI File #	POI #
27	8	24	8	2	24	16	16
	Range #	Range Name					
		16					
		Weapon & # Points					

Select Next Mask:

If You Wish:	Select
To Review Ammunition Surplus File	1
To Review Training Aid Surplus File	2
To Review Training Area Surplus File	3
To Review Building Surplus file	4
To Review Transportation Surplus File	5
To Review SHORTAGE FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 8.3

TRAINING AID SURPLUS FILE

Rec #	ID	Description	QTY	UM	Source	Some Applied To: POI File #	POI #
28	16 LIN/FSN	24 Nomenclature	8	2	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Ammunition Surplus File	1
To Review Range Surplus File	2
To Review Training Area Surplus File	3
To Review Building Surplus file	4
To Review Transportation Surplus File	5
To Review SHORTAGE FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 8.4

TRAINING AREA SURPLUS FILE

Rec #	ID	Description	QTY	UM	Source	Some Applied To: POI File #	POI #
29	8 Tng Area #	24 Tng Area Name	8	2	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Ammunition Surplus File	1
To Review Range Surplus File	2
To Review Training Aid Surplus File	3
To Review Building Surplus file	4
To Review Transportation Surplus File	5
To Review SHORTAGE FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 8.5

BUILDING SURPLUS FILE

Rec #	ID	Description	QTY	UM	Source	Some Applied To: POI File #	POI #
30	8 Bldg #	20 Bldg Type 20 Accommodation	8	2	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Ammunition Surplus File	1
To Review Range Surplus File	2
To Review Training Aid Surplus File	3
To Review Training Area Surplus file	4
To Review Transportation Surplus File	5
To Review SHORTAGE FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 8.6

TRANSPORTATION SURPLUS FILE

Rec #	ID	Description	QTY	UM	Source	Some Applied To: POI File #	POI #
31	16 Mode	24 Accommodation	8	2	24	16	16

Select Next Mask:

If You Wish:	Select
To Review Ammunition Surplus File	1
To Review Range Surplus File	2
To Review Training Aid Surplus File	3
To Review Training Area Surplus file	4
To Review Building Surplus File	5
To Review SHORTAGE FILE	6
To Review & Change REQUIREMENT FILE	7
To Review & Change AVAILABILITY FILE	8
To Return to MAIN MENU	0

MASK 9.0

REQUIREMENT FILE SELECTION MENU

If You Wish:	Select
To Review & Change Ammunition Requirement File	1
To Review & Change Range Requirement File	2
To Review & Change Training Aids Requirement File	3
To Review & Change Training Areas Requirement File	4
To Review & Change Building Requirement File	5
To Review & Change Transportation Requirement File	6
To Review SHORTAGE FILE	7
To Review SURPLUS FILE	8
To Review & Change AVAILABILITY FILE	9
To Return to MAIN MENU	0

MASK 9.1

AMMUNITION REQUIREMENT FILE

Rec #	ID	Description	QTY	UM	Source	POI FILE #	POI #
26	4 DODIC	24 Nomenclature	8	2 EA	24	16	16

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # /__/__/__/__/ (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Range Requirement File	2
To Review & Change Training Aid Requirement File	3
To Review & Change Training Area Requirement file	4
To Review & Change Building Requirement File	5
To Review & Change Transportation Requirement File	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

MASK 9.2

RANGE REQUIREMENT FILE

Rec #	ID	Description	QTY	UM	Source	POI FILE #	POI #
827	8 Range #	24 Range Name 16 Weapon	8	2	24	16	16

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # ///// (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement File	2
To Review & Change Training Aid Requirement File	3
To Review & Change Training Area Requirement file	4
To Review & Change Building Requirement File	5
To Review & Change Transportation Requirement File	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

MASK 9.3

TRAINING AID REQUIREMENT FILE

Rec #	ID	Description	QTY	UM	Source	POI FILE #	POI #
28	16 LIN/FSN	24 Nomenclature	8	2	24	16	16

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # ///// (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement File	2
To Review & Change Range Requirement File	3
To Review & Change Training Area Requirement file	4
To Review & Change Building Requirement File	5
To Review & Change Transportation Requirement File	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

MASK 9.4

TRAINING AREA REQUIREMENT FILE

Rec #	ID	Description	QTY	UM	Source	POI FILE #	POI #
	8	24	8	2	24	16	16
29	Tng Area #	Tng Area Name					

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # ///// (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement File	2
To Review & Change Range Requirement File	3
To Review & Change Training Aid Requirement file	4
To Review & Change Building Requirement File	5
To Review & Change Transportation Requirement File	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

MASK 9.5

BUILDING REQUIREMENT FILE

Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
30	8 Bldg #	20 Bldg Type 20 Accommodation	8	2	24	16	16

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # /_/_/_/_/ (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement File	2
To Review & Change Range Requirement File	3
To Review & Change Training Aid Requirement file	4
To Review & Change Training Area Requirement File	5
To Review & Change Transportation Requirement File	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

MASK 9.6

TRANSPORTATION REQUIREMENT FILE

Rec #	ID	Description	QTY	UM	Source	POI File #	POI #
31	16 Mode	24 Accommodation	8	2	24	16	16

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # /____/ (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement File	2
To Review & Change Range Requirement File	3
To Review & Change Training Aid Requirement file	4
To Review & Change Training Area Requirement File	5
To Review & Change Building Requirement File	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

MASK 9.1.1

CHANGE OR DELETE AMMUNITION REQUIREMENT DATA

REC #: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
DODIC	X	$
Nomenclature	X	$
Quantity Required	X	$
Unit of Measure	X	$
Acceptable Substitute(s):		
DODIC	X	$
DODIC	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Range Requirement Data	2
To Review & Change Training Aid Requirement Data	3
To Review & Change Training Area Requirement Data	4
To Review & Change Building Requirement Data	5
To Review & Change Transportation Requirement Data	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

System Notes:

X = From Data Base
$ = For Operator Entry

MASK 9.2.1

CHANGE OR DELETE RANGE REQUIREMENT DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Range: Name	X	$
#	X	$
Quantity	X	$
Weapon	X	$
# Points	X	$
Acceptable Substitute(s):		
# Points	X	$
# Points	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement Data	2
To Review & Change Training Aid Requirement Data	3
To Review & Change Training Area Requirement Data	4
To Review & Change Building Requirement Data	5
To Review & Change Transportation Requirement Data	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

System Notes:

X = From Data Base
$ = For Operator Entry

MASK 9.3.1

CHANGE OR DELETE TRAINING AID REQUIREMENT DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Training Aid: LIN/FSN	X	$
Description	X	$
Quantity Required	X	$
Unit of Measure	X	$
Acceptable Substitute(s):		
LIN/FSN or Description	X	$
LIN/FSN or Description	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement Data	2
To Review & Change Range Requirement Data	3
To Review & Change Training Area Requirement Data	4
To Review & Change Building Requirement Data	5
To Review & Change Transportation Requirement Data	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

System Notes:

X = From Data Base
$ = For Operator Entry

MASK 9.4.1

CHANGE OR DELEGE TRAINING AREA REQUIREMENT DATA

REC#: X		FILE DATA	NEW DATA
POI #		X	$
POI File #		X	$
Training Area:	Name	X	$
	#	X	$
	Use	X	$
Units:	Size	X	$
	# Unit(s)	X	$
Acceptable Substitute(s):			
Training Area:	Name	X	$
	#	X	$
	Type	X	$
Training Area:	Name	X	$
	#	X	$
	Type	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement Data	2
To Review & Change Range Requirement Data	3
To Review & Change Training Aid Requirement Data	4
To Review & Change Building Requirement Data	5
To Review & Change Transportation Requirement Data	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

System Notes:

X = From Data Base
$ = For Operator Entry

MASK 9.5.1

CHANGE OR DELETE BUILDING REQUIREMENT DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Building: Name	X	$
#	X	$
Type Code	X	$

Type Codes:			
Admin	10	Billet	40
Supply	15	Dining	45
Storage	20	General Instruction	50
Issue	25	Applied Instruction	55
Maintenance	30	Command Instruction	60
Garage	35	Laboratory	65
		Medical	70

Must Accommodate:		
# Students	X	$
# Meals/24 Hrs	X	$
# Spec Equip Sets	X	$
Type Spec Equip	X	$
# Vehicles	X	$
Type Vehicles	X	$
# Weapons	X	$
Type Weapons	X	$
Quantity Required	X	$
Acceptable Substitute(s):		
Type Code	X	$
# of Substitutes = One 1st Choice Bldg	X	$
Type Code	X	$
# of Substitutes = One 1st Choice Bldg	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement Data	2
To Review & Change Range Requirement Data	3
To Review & Change Training Aid Requirement Data	4
To Review & Change Training Area Requirement Data	5
To Review & Change Transportation Requirement Data	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

System Notes: X = From Data Base $ = For Operator Entry

MASK 9.6.1

CHANGE OR DELETE TRANSPORTATION REQUIREMENT DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Mode Code of 1st Choice Vehicle	X	$

Mode Codes:

Sedan	05	Trailer, Admin	50
Taxi	10	Trailer, Tactical	55
Bus, Commercial	15	Trailer, Water	60
Bus, Military	18	Trailer, Fuel	63
Truck, Admin	20	Track, Recovery	65
Truck, Tactical	25	Track, Resupply	70
Truck, Recovery, Admin	30	Aircraft, Fixed Wing	75
Truck, Recovery, Tactical	35	Aircraft, Rotary Wing	80
Truck, Fuel	38	Watercraft	85
Tractor, Admin	40	Hovercraft	90
Tractor, Tactical	45	Rail Car	95

Must Accommodate:		
# Passengers	X	$
# Tons of Cargo	X	$
# Cubic Feet of Cargo	X	$
Acceptable Substitute Mode(s):		
Mode Code &	X	$
# of Substitutes =		
One 1st Choice Vehicle	X	$
Mode Code &	X	$
# of Substitutes =		
One 1st Choice Vehicle	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Ammunition Requirement Data	2
To Review & Change Range Requirement Data	3
To Review & Change Training Aid Requirement Data	4
To Review & Change Training Area Requirement Data	5
To Review & Change Transportation Requirement Data	6
To Review & Change AVAILABILITY FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

System Notes: X = From Data Base $ = For Operator Entry

MASK 10.0

AVAILABILITY FILE MENU

If You Wish:	Select
To Review & Change Ammunition Availability File	1
To Review & Change Range Availability File	2
To Review & Change Training Aid Availability File	3
To Review & Change Training Area Availability File	4
To Review & Change Building Availability File	5
To Review & Change Transportation Availability File	6
To Review SHORTAGE FILE	7
To Review SHORTAGE or SURPLUS FILE	8
To Review & Change REQUIREMENT FILE	9
To Return to MAIN MENU	0

MASK 10.1

AMMUNITION AVAILABILITY FILE

Rec #	ID	Description	QTY	UM	Source
38	4 DODIC	24 Nomenclature	8	2 EA	24

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # /////// (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Note: If Rec # is entered, go to appropriate change or delete ammunition availability data mask.

MASK 10.2

RANGE AVAILABILITY FILE

Rec #	ID	Description	QTY	UM	Source
39	8 Range #	24 Range Name 16 Weapon & # Points	2	2 HR	24

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # /////// (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Note: If Rec # is entered, go to appropriate change or delete ammunition availability data mask.

MASK 10.3

TRAINING AID AVAILABILITY FILE

Rec #	ID	Description	QTY	UM	Source
40	16 LIN/FSN	24 Nomenclature	4	2 EA	24

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # ____ (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Note: If Rec # is entered, go to appropriate change or delete ammunition availability data mask.

MASK 10.4

TRAINING AREA AVAILABILITY FILE

Rec #	ID	Description	QTY	UM	Source
41	8	24	2	2	24
	Tng Area #	Tng Area Name		HR	

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # /_/_/_/_/ (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Note: If Rec # is entered, go to appropriate change or delete ammunition availability data mask.

MASK 10.5

BUILDING AVAILABILITY FILE

Rec #	ID	Description	QTY	UM	Source
42	8	20	2	2	24
	Bldg #	Bldg Type		HR	
		20			
		Accommodation			

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # /____/ (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish:	Select
Same File	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Note: If Rec # is entered, go to appropriate change or delete ammunition availability data mask.

MASK 10.6

TRANSPORTATION AVAILABILITY FILE

Rec #	ID	Description	QTY	UM	Source
43	16 Mode	24 Accommodation	8	2	24

Select Next Action (Either "1" or "2"):

1. If you wish to change above file data, enter REC # ____ (N)

-OTHERWISE-

2. Select Next Mask:

If You Wish	Select
Same File	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Note: If Rec # is entered, go to appropriate change or delete ammunition availability data mask.

MASK 10.1.1

CHANGE OR DELETE AMMUNITION AVAILABILITY DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
DODIC	X	$
Nomenclature	X	$
Quantity Available	X	$
Unit of Measure	X	$
Source Unit	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
To Review & Change Ammunition Availability Data	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Notes:

X = From Data Base
$ = For Operator Entry

MASK 10.2.1

CHANGE OR DELETE RANGE AVAILABILITY DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Range: Name	X	$
#	X	$
Weapon &	X	$
# Points	X	$
Alternate Weapon &	X	$
# Points	X	$
Source Unit	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
To Review & Change Ammunition Availability Data	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Notes:

X = From Data Base
$ = For Operator Entry

MASK 10.3.1

CHANGE OR DELETE TRAINING AID AVAILABILITY DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Training Aid: LIN/FSN	X	$
Description	X	$
Quantity Available	X	$
Unit of Measure	X	$
Source Unit	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
To Review & Change Ammunition Availability Data	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Notes:

X = From Data Base
$ = For Operator Entry

MASK 10.4.1

CHANGE OR DELETE TRAINING AREA AVAILABILITY DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Training Area: Name	X	$
#	X	$
Training Type(s)	X	$
Unit Size	X	$
# Unit(s)	X	$
Alternate Unit Size	X	$
# Unit(s)	X	$
Source Unit	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
To Review & Change Ammunition Availability Data	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Notes:

X = From Data Base
$ = For Operator Entry

MASK 10.5.1

CHANGE OR DELETE BUILDING AVAILABILITY DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Building: Name	X	$
#	X	$
Type Code	X	$

Type Codes:

Admin	10	Billet	40
Supply	15	Dining	45
Storage	20	General Instruction	50
Issue	25	Applied Instruction	55
Maintenance	30	Command Instruction	60
Garage	35	Laboratory	65
		Medical	70

Can Accommodate:		
# Students	X	$
# Meals/24 Hrs (Dining Halls)	X	$
# Spec Equip Sets	X	$
Type Spec Equip	X	$
# Vehicles	X	$
Type Vehicles	X	$
# Weapons	X	$
Type Weapons	X	$
Source Unit	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
To Review & Change Ammunition Availability Data	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Notes: X = From Data Base $ = For Operator Entry

MASK 10.6.1

CHANGE OR DELETE TRANSPORTATION AVAILABILITY DATA

REC#: X	FILE DATA	NEW DATA
POI #	X	$
POI File #	X	$
Mode Code	X	$

Mode Codes:

Sedan	05	Trailer, Admin	50
Taxi	10	Trailer, Tactical	55
Bus, Commercial	15	Trailer, Water	60
Bus, Military	18	Trailer, Fuel	63
Truck, Admin	20	Track, Recovery	65
Truck, Tactical	25	Track, Resupply	70
Truck, Recovery, Admin	30	Aircraft, Fixed Wing	75
Truck, Recovery, Tactical	35	Aircraft, Rotary Wing	80
Truck, Fuel	38	Watercraft	85
Tractor, Admin	40	Hovercraft	90
Tractor, Tactical	45	Rail Car	95

Can Accommodate:		
# Passengers	X	$
# Tons of Cargo	X	$
# Cubic Feet of Cargo	X	$
Quantity Available	X	$
Source Unit	X	$

Delete this item from the file? (Y = Yes; Blank = No) _____

Select Next Mask:

If You Wish:	Select
To Review & Change Ammunition Availability Data	1
To Review & Change Range Availability Data	2
To Review & Change Training Aid Availability Data	3
To Review & Change Training Area Availability Data	4
To Review & Change Building Availability Data	5
To Review & Change Transportation Availability Data	6
To Review & Change REQUIREMENT FILE	7
To Review SHORTAGE FILE	8
To Review SURPLUS FILE	9
To Return to MAIN MENU	0

Systems Notes: X = From Data Base $ = For Operator Entry

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